

SCS ENGINEERS

April 12, 2016
File No. 25212002.16

GEMS Data Submittal Contact – WA/5
Bureau of Waste and Materials Management
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921



Subject: Hagen Farm Landfill, Town of Dunkirk, Dane County, Wisconsin
WDNR License No. 02981 – FID #113176030
First Quarter 2016 Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is the first quarter 2016 environmental data submittal for the Hagen Farm Landfill, License No. 02981. The submittal includes results from the semi-annual (February) sampling event at the site. The data were collected in accordance with the requirements of the U.S. Environmental Protection Agency (USEPA) approval of the Hagen Farm Site Groundwater Control Operable Unit Revised Workplan dated March 1, 2005, as amended.

SAMPLING SUMMARY

The first quarter (semi-annual) sampling event, which was performed during the period of February 10-11, 2016, included collection of groundwater samples at 20 monitoring wells and measurement of water levels at a total of 33 monitoring wells in the vicinity of the site. The measurements, samples, and associated field data were collected by SCS Engineers staff. The samples were submitted to TestAmerica Buffalo (Wisconsin Lab Certification No. 998310390) for laboratory analysis.

INFORMATION INCLUDED IN THIS SUBMITTAL

This submittal includes the following:

- A CD with the electronic data submittal file (feb16-02981.txt) from this period.
- **Attachment A**, a table that identifies the compounds that exceeded the groundwater standards identified in Chapter NR 140, Wis. Adm. Code (i.e., exceedances) during this sampling period.
- **Attachment B**, a table that identifies sample results between the limit of detection (LOD) and limit of quantitation (LOQ) from this sampling period.
- **Attachment C**, a completed Environmental Monitoring Data Certification Form [Form 4400-231(R 1/04)].
- **Attachment D**, a printout of the data from this sampling period.



SUBMITTAL NOTES

Please note the following:

- Results for vinyl chloride are reported from two different analytical methods, using gas chromatography/mass spectrometry (GC/MS) and selective ion methodology (SIM). The data from the two analytical methods are evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported in **Attachments A and D**, even though the results are from the same sample.
- Manganese results are evaluated with regard to the criteria identified in Table 1 (Public Health Groundwater Quality Standards) and Table 2 (Public Welfare Groundwater Quality Standards) of NR 140.10 and NR 140.12, respectively. Thus, the data from a single sample may be reported as two exceedances in **Attachments A and D**.
- Results from this sampling period that exceed the values identified as the enforcement standard (ES) or preventive action limit (PAL) in Chapter NR 140, Wis. Adm. Code, are denoted using an E or P, respectively, in **Attachments A and D** of this submittal. A P* indicates that the well is within the Design Management Zone (DMZ) and property boundary; therefore, the well meets the point of standards criteria identified in NR 140.22 and the ES does not apply. Consistent with prior submittals, the preliminary cause and significance of concentrations exceeding groundwater standards is not presented herein. Groundwater quality has been evaluated as part of the remedial investigation for this USEPA-lead Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site and is also periodically evaluated in the annual reports for the operation and maintenance of the selected remedy.

DATA QUALITY

In addition to laboratory quality control (QC) measures, the laboratory analyzed one trip blank (TB) and one field blank (FB) collected in association with this sampling event to assess data quality. No inorganic compounds or volatile organic compounds (VOCs) were quantified above the LOD from laboratory analysis of the FB, and no VOCs were quantified above the LOD from laboratory analysis of the TB, associated with this sampling event.

One iron result from analysis of the sample collected at a groundwater monitoring well (i.e., MW27) was appropriately qualified by the laboratory as failing the WDNR Quality Control Flag I criteria due to identification of the compound in a laboratory method blank at a concentration of greater than 10 percent of the measured concentration in the sample. The concentration identified in the laboratory blank was less than the associated reporting limit (RL) and PAL; therefore, re-analysis of the sample was not performed and the data was reported.

Given that the concentration in the blank was low (i.e., less than the RL and PAL), the potential laboratory issue is not expected to materially impact the overall evaluation of the data.

No results from this reporting period were qualified by the laboratory as failing WDNR QC Flag II in that all samples met preservation and holding time criteria.

A number of results for three VOCs (i.e., 1,1-dichloroethylene, tribromomethane, and dibromochloromethane) from analysis of samples obtained from the groundwater monitoring wells during this period were appropriately qualified by the laboratory as failing the WDNR QC Flag III criteria as the batch matrix spike/matrix spike duplicate recoveries failed to meet laboratory QC criteria. The associated laboratory control sample recovery was within acceptable limits; thus, the data were acceptable in accordance with the method specifications, and are reported in this submittal. The potential laboratory issue is not likely to materially affect the overall evaluation of the data since these VOCs are not routinely quantified in analysis of samples from the monitoring wells in the vicinity of the site.

Please contact me at (262) 345-1220 if you have any questions regarding this report.

Sincerely,



Gary Sterkel
Environmental Specialist
SCS ENGINEERS

GLS/lmh/MJP

cc: Ms. Sheila Sullivan, USEPA, w/o disk
Mr. Gary Edelstein, WDNR, w/o disk
Mr. Michael Peterson, Waste Management of Wisconsin, Inc., w/o disk

Attachments: A through D

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ATTACHMENT A

**First Quarter 2016
Identification of NR 140 Exceedances**

Hagen Farm Landfill

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards PAL	Units	Type of Standard	Type of Exceedance Qualifier	RL	LOD	LOQ
IG-04	160211	ARSENIC-DISSOLVED AS AS	1.3	1	10	UG/L	Table 1	P	1	0.27
MW-22	160210	ARSENIC-DISSOLVED AS AS	1.1	1	10	UG/L	Table 1	P	1	0.27
OBS-1B	160211	ARSENIC-DISSOLVED AS AS	2.2	1	10	UG/L	Table 1	P	1	0.27
OBS-1C	160211	ARSENIC-DISSOLVED AS AS	8.1	1	10	UG/L	Table 1	P	1	0.27
P17C	160211	ARSENIC-DISSOLVED AS AS	1.8	1	10	UG/L	Table 1	P	1	0.27
P22B	160210	ARSENIC-DISSOLVED AS AS	37.5	1	10	UG/L	Table 1	P*	1	0.27
P27B	160210	ARSENIC-DISSOLVED AS AS	11.8	1	10	UG/L	Table 1	E	1	0.27
MW7	160211	IRON-DISSOLVED AS FE	0.17	0.15	0.3	MG/L	Table 2	P	0.03	0.019
P17C	160211	IRON-DISSOLVED AS FE	2.8	0.15	0.3	MG/L	Table 2	P*	0.03	0.019
P22B	160210	IRON-DISSOLVED AS FE	4.4	0.15	0.3	MG/L	Table 2	P*	0.03	0.019
P27B	160210	IRON-DISSOLVED AS FE	2.4	0.15	0.3	MG/L	Table 2	E	0.03	0.019
OB11M	160210	MANGANESE-DISSOLVED AS MN	106	60	300	UG/L	Table 1	P	10	0.4
OB11M	160210	MANGANESE-DISSOLVED AS MN	106	25	50	UG/L	Table 2	E	10	0.4
OB8M	160210	MANGANESE-DISSOLVED AS MN	142	60	300	UG/L	Table 1	P	10	0.4
OB8M	160210	MANGANESE-DISSOLVED AS MN	142	25	50	UG/L	Table 2	E	10	0.4
P17C	160211	MANGANESE-DISSOLVED AS MN	64.9	60	300	UG/L	Table 1	P	10	0.4
P17B	160211	MANGANESE-DISSOLVED AS MN	64.9	25	50	UG/L	Table 2	P*	10	0.4
P17C	160211	MANGANESE-DISSOLVED AS MN	267	60	300	UG/L	Table 1	P	10	0.4
P17C	160211	MANGANESE-DISSOLVED AS MN	267	25	50	UG/L	Table 2	P*	10	0.4
P22B	160210	MANGANESE-DISSOLVED AS MN	106	60	300	UG/L	Table 1	P	10	0.4
P22B	160210	MANGANESE-DISSOLVED AS MN	106	25	50	UG/L	Table 2	P*	10	0.4
P27B	160211	MANGANESE-DISSOLVED AS MN	68.1	60	300	UG/L	Table 1	P	10	0.4
P27B	160211	MANGANESE-DISSOLVED AS MN	68.1	25	50	UG/L	Table 2	P*	10	0.4
P26B	160211	MANGANESE-DISSOLVED AS MN	160	60	300	UG/L	Table 1	P	10	0.4
P26B	160210	MANGANESE-DISSOLVED AS MN	160	25	50	UG/L	Table 2	P*	10	0.4
P27B	160210	MANGANESE-DISSOLVED AS MN	160	60	300	UG/L	Table 1	P	10	0.4
P27B	160210	MANGANESE-DISSOLVED AS MN	160	25	50	UG/L	Table 2	E	10	0.4
P28B	160210	MANGANESE-DISSOLVED AS MN	245	60	300	UG/L	Table 1	P	10	0.4
P28B	160210	MANGANESE-DISSOLVED AS MN	245	25	50	UG/L	Table 2	E	10	0.4
P32B	160210	MANGANESE-DISSOLVED AS MN	99.6	60	300	UG/L	Table 1	P	10	0.4
P32B	160210	MANGANESE-DISSOLVED AS MN	99.6	25	50	UG/L	Table 2	E	10	0.4
OPS-2C	160210	NITRITE PLUS NITRATE-DISSOLVED AS N	2.2	2	10	MG/L	Table 1	P	0.1	0.04

Hagen Farm Landfill

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	NR140 Standards			Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
			Result	PAL	ES						
P17DR	160211	NITRITE PLUS NITRATE-DISSOLVED ASN	2.6	2	10	MG/L	Table 1	P	0.05	0.02	0.067
IG-04	160211	TETRACHLOROETHYLENE	1.4	0.5	5	UG/L	Table 1	P	1	0.36	1.2
OB8M	160210	VINYLCHLORIDE	0.67	0.02	0.2	UG/L	Table 1	E	0.02	0.004	0.013
P17C	160211	VINYLCHLORIDE	0.65	0.02	0.2	UG/L	Table 1	P*	0.02	0.004	0.013
P26B	160211	VINYLCHLORIDE	0.18	0.02	0.2	UG/L	Table 1	P	0.02	0.004	0.013
P32B	160210	VINYLCHLORIDE	0.050	0.02	0.2	UG/L	Table 1	P	0.02	0.004	0.013

P* = Well is located within the Design Management Zone (DMZ) and property boundary, thus the Enforcement Standard does not apply

P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance

E = NR 140 Enforcement Standard exceedance

J = Sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)

EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance

Special Notes:

J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).

Vinyl chloride is analyzed by EPA Method 8260B and by Selective Ion Monitoring. The data from the two analytical methods is evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported even though the results are from the same sample.

ATTACHMENT B

**First Quarter 2016
Identification of Sample Results Between
the LOD and LOQ ("J-Flags")**

Hagen Farm Landfill

Identification of Sample Results Between the LOD and LOQ ("J-Flags")

License Number: 02981
Facility ID Number: 113176030

Well	Sample Date	Parameter	NR140 Standards			Units	Qualifier	RL	LOD	LOQ
			Sample Result	PAL	ES					
IG-04	160211	IRON-DISSOLVED AS FE	0.038	0.15	0.3	MG/L	J	0.03	0.019	0.064
MW26	160211	ARSENIC-DISSOLVED AS AS	0.45	1	10	UG/L	J	1	0.27	0.9
MW27	160210	ARSENIC-DISSOLVED AS AS	0.69	1	10	UG/L	J	1	0.27	0.9
MW27	160210	IRON-DISSOLVED AS FE	0.050	0.15	0.3	MG/L	J	0.03	0.019	0.064
MW7	160211	ARSENIC-DISSOLVED AS AS	0.58	1	10	UG/L	J	1	0.27	0.9
MW7	160211	LEAD-DISSOLVED AS PB	0.45	1.5	15	UG/L	J	1.5	0.17	0.57
OB11M	160210	ARSENIC-DISSOLVED AS AS	0.39	1	10	UG/L	J	1	0.27	0.9
OB8M	160210	ARSENIC-DISSOLVED AS AS	0.87	1	10	UG/L	J	1	0.27	0.9
OBS-1A	160211	ARSENIC-DISSOLVED AS AS	0.48	1	10	UG/L	J	1	0.27	0.9
OBS-2C	160210	ARSENIC-DISSOLVED AS AS	0.72	1	10	UG/L	J	1	0.27	0.9
P17B	160211	ARSENIC-DISSOLVED AS AS	0.59	1	10	UG/L	J	1	0.27	0.9
P17B	160211	VINYL CHLORIDE	0.0051	0.02	0.2	UG/L	J	0.02	0.004	0.013
P17DR	160211	ARSENIC-DISSOLVED AS AS	0.44	1	10	UG/L	J	1	0.27	0.9
P17DR	160211	MANGANESE-DISSOLVED AS MN	0.65	60	300	UG/L	J	10	0.4	1.3
P26B	160211	ARSENIC-DISSOLVED AS AS	0.84	1	10	UG/L	J	1	0.27	0.9
P26B	160211	IRON-DISSOLVED AS FE	0.027	0.15	0.3	MG/L	J	0.03	0.019	0.064
P27B	160210	LEAD-DISSOLVED AS PB	0.18	1.5	15	UG/L	J	1.5	0.17	0.57
P28B	160210	ARSENIC-DISSOLVED AS AS	0.62	1	10	UG/L	J	1	0.27	0.9
P28B	160210	VINYL CHLORIDE	0.0065	0.02	0.2	UG/L	J	0.02	0.004	0.013
P32B	160210	ARSENIC-DISSOLVED AS AS	0.28	1	10	UG/L	J	1	0.27	0.9
P32B	160210	LEAD-DISSOLVED AS PB	0.29	1.5	15	UG/L	J	1.5	0.17	0.57

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Identification of Sample Results Between the LOD and LOQ ("J-Flags")

Well	Sample	Date	Parameter	NR140 Standards					
				Result	PAL	ES	Units	Qualifier	RL
Notes:									

J = Estimated result - sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)

Special Note:

J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).

ATTACHMENT C

**First Quarter 2016
Environmental Monitoring Data Certification
Form [Form 4400-231 (R1/04)]**

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification
Form 4400-231(R 1/04)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5

Bureau of Waste Management
Wisconsin Department of Natural Resources
101 South Webster Street
Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Gary Sterkel Phone: (262) 345-1220

E-mail: gsterkel@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Hagen Farm Landfill	02981	113176030	February 10-11 2016

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

February 2016

Type of Data Submitted (Check all that apply)

Groundwater monitoring data from monitoring wells
 Groundwater monitoring data from private water supply wells
 Leachate monitoring data

Gas monitoring data
 Air monitoring data
 Other (specify)

Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Gary Sterkel

Environmental Specialist

(262) 345-1220

Facility Representative Name (Print)

Title

(Area Code) Telephone No.

Gary Sterkel
Signature

4/11/16
Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

Found uploading problems on _____ Initials _____

Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): Diskette CD (initial submittal and follow-up) E-mail (follow-up only) Other

ATTACHMENT D

**First Quarter 2016
Environmental Monitoring Data**

Hagen Farm Landfill

Stoughton, WI

License Number: 02981
Facility ID Number: 113176030

First Quarter 2016 Environmental Monitoring Data

Samples Collected by:	SCS Engineers Gary Sterkel and Steve Smith
Samples Analyzed by:	Test America, Inc., Amherst, NY (Laboratory Certification Number: 998310390)

Descriptions for Color, Odor, and Turbidity are denoted in the units column.

Color, Odor, Turbidity: If the Results column shows 0 the parameter was present. If the Qualifier column shows N the parameter was not present.

Exceedance Key:

P* = Within the Design Management Zone (DMZ) and property boundary

P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance

E = NR 140 Enforcement Standard exceedance

EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance

All exceedances take into account 40 CFR 257-258 Subtitle D standards as well as WDNR approved alternate concentration limits (ACLs)

Qualifier Flag Codes:

N = Analyte was not detected above the Limit of Detection (LOD)

J = Analyte was detected between the Limit of Detection (LOD)

and the Limit of Quantitation (LOQ) (LOD ≤ result < LOQ)

QC Flag II Codes:

M = Met Preservation and Holding Time criteria

F = Failed Preservation and Holding Time criteria

QC Flag I Codes:

M = Analyte was not detected in Method, Trip, or Field Blanks

F = For a sample in which an analyte was detected, the analyte was also detected in the associated Method, Trip, or Field Blanks at concentrations which exceed the highest of the following values:

1. The limit of detection, or
2. Five percent of the lowest applicable regulatory limit, or
3. Ten percent of the measured concentration in the sample.

QC Flag III Codes:

M = Met Laboratory Quality Control Standards

F = Failed Laboratory Quality Control Standards

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Sample Point: 01FB	WDNR Point ID: 997	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC QC QC			WDNR			
											I	II	III	RL	LOD	LOQ	Lab Cert
160211	1,1,1-TRICHLOROETHANE	N		UG/L	40	200				M	M	M	M	1.0	0.82	2.7	998310390
160211	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2				M	M	M	M	1.0	0.21	0.70	998310390
160211	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.23	0.77	998310390
160211	1,1-DICHLOROETHANE	N		UG/L	85	850				M	M	M	M	1.0	0.38	1.3	998310390
160211	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				M	F	M	M	1.0	0.29	0.97	998310390
160211	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				M	M	M	M	1.0	0.41	1.4	998310390
160211	1,2,4-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				M	M	M	M	1.0	0.39	1.3	998310390
160211	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				M	M	M	M	1.0	0.73	2.4	998310390
160211	1,2-DICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N		UG/L	50	500				M	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MBK)	N		UG/L	1800	9000				M	M	M	M	10	3.0	10	998310390
160211	ACETONE	N		MGL						M	M	M	M	10.0	4.0	13.3	998310390
160211	ALKALINITY-TOTAL AS CACO ₃ (FILT)	N		UG/L	1	10				M	M	M	M	1.0	0.27	0.90	998310390
160211	ARSENIC-DISSOLVED AS AS	N		UG/L	400	2000				M	M	M	M	5.0	0.70	2.3	998310390
160211	BARIUM-DISSOLVED AS BA	N		UG/L	0.5	5				M	M	M	M	1.0	0.41	1.4	998310390
160211	BENZENE	N		UG/L	0.06	0.6				M	M	M	M	1.0	0.39	1.3	998310390
160211	BROMODICHLOROMETHANE	N		UG/L	1	10				M	M	M	M	1.0	0.69	2.3	998310390
160211	BROMOMETHANE	N		UG/L	200	1000				M	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON DISULFIDE	N		UG/L	0.5	5				M	M	M	M	1.0	0.27	0.90	998310390
160211	CARBON TETRACHLORIDE	N		UG/L	20	100				M	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROBENZENE	N		UG/L	80	400				M	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROETHANE	N		UG/L	0.04	0.4				M	M	M	M	1.0	0.34	1.1	998310390
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	6	30				M	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	6	60				M	M	M	M	1.0	0.32	1.1	998310390
160211	DIBROMOCHLOROMETHANE	N		UG/L	200	1000				M	M	M	M	1.0	0.81	2.7	998310390
160211	DIBROMOMETHANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROFLUOROMETHANE	N		UG/L	140	700				M	M	M	M	1.0	0.44	1.5	998310390
160211	ETHYLBENZENE	N		UG/L	698	3490				M	M	M	M	1.0	0.74	2.5	998310390
160211	FLUOROTRICHLOROMETHANE	N		UG/L						M	M	M	M	1.0	0.88	2.9	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR		
									I	II	III	RL	LOQ	Lab Cert
Sample Point: 01FB	WDNR Point ID: 997													
160211	IRON-DISSOLVED AS FE	N		MGL	0.15	0.3								
160211	LEAD-DISSOLVED AS PB	N		UGL	1.5	15								
160211	MANGANESE-DISSOLVED AS MN	N		UGL	60	300								
160211	MANGANESE-DISSOLVED AS MN	N		UGL	25	50								
160211	M-DICHLOROBENZENE	N		UGL	120	600								
160211	MERCURY-DISSOLVED	N		UGL	0.2	2								
160211	METHYL ETHYL KETONE (MEK)	N		UGL	800	4000								
160211	METHYL TERT-BUTYL ETHER (MTBE)	N		UGL	12	60								
160211	NAPHTHALENE	N		UGL	10	100								
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MGL	2	10								
160211	O-DICHLOROBENZENE	N		UGL	60	600								
160211	P-DICHLOROBENZENE	N		UGL	15	75								
160211	PH-FIELD			SU										
160211	SAMPLE TEMPERATURE		9.28	DEGREES C	19.1									
160211	SPECIFIC CONDUCTANCE-FIELD		5	UMHOSCM										
160211	STYRENE	N		UGL	10	100								
160211	SULFATE-DISSOLVED AS SO4	N		MGL	125	250								
160211	TETRACHLOROETHYLENE	N		UGL	0.5	5								
160211	TETRAHYDROFURAN	N		UGL	10	50								
160211	TOLUENE	N		UGL	160	800								
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UGL	20	100								
160211	TRANS-1,3-DICHLOROPROPENE	N		UGL	0.04	0.4								
160211	TRIBROMOMETHANE	N		UGL	0.44	4.4								
160211	TRICHLOROETHYLENE	N		UGL	0.5	5								
160211	VINYL CHLORIDE	N		UGL	0.02	0.2								
160211	VINYLCHLORIDE	N		UGL	0.02	0.2								
160211	XYLENES-TOTAL	N		UGL	400	2000								
Sample Point: JG-04	WDNR Point ID: 005													
160211	1,1,1-TRICHLOROETHANE	N		UGL	40	200								
160211	1,1,2,2-TETRACHLOROETHANE	N		UGL	0.02	0.2								
160211	1,1,2-TRICHLOROETHANE	N		UGL	0.5	5								
160211	1,1,2,2-TETRACHLOROETHANE	N		UGL	85	850								
160211	1,1-DICHLOROETHANE	N		UGL	0.7	7								
160211	1,1-DICHLOROETHYLENE	N		UGL	14	70								
160211	1,2,4-TRICHLOROBENZENE	N												

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License Number: 02981
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Sample Date	Parameter	WDNR Point ID:	005	Qualifier	Value	Units	PAL	ES Exceedance	Type of Standard	QC QC QC			WDNR			
										I	II	III	RL	LOD	LOQ	Lab Cert
160211	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2			Table I	M	M	M	1.0	0.39	1.3	998310390
160211	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05			Table I	M	M	M	1.0	0.73	2.4	998310390
160211	1,2-DICHLOROETHANE	N		UG/L	0.5	5			Table I	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5			Table I	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N		UG/L					Table I	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500			Table I	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE	N		UG/L	1800	9000			Table I	M	M	M	10	3.0	10	998310390
160211	ALKALINITY-TOTAL AS CACO3 (FILT)	302		MGL					Table I	M	M	M	50.0	20.0	66.7	998310390
160211	ARSENIC-DISSOLVED AS AS	1.3		UG/L	1	10	P		Table I	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA	48.0		UG/L	400	2000			Table I	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N		UG/L	0.5	5			Table I	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6			Table I	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N		UG/L	1	10			Table I	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N		UG/L	200	1000			Table I	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N		UG/L	0.5	5			Table I	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N		UG/L	20	100			Table I	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N		UG/L	80	400			Table I	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N		UG/L	0.6	6			Table I	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N		UG/L	3	30			Table I	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70			Table I	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4			Table I	M	M	M	1.0	0.36	1.2	998310390
160211	DIBROMOCHLOROMETHANE	N		UG/L	6	60			Table I	M	M	M	1.0	0.32	1.1	998310390
160211	DIBROMOMETHANE	N		UG/L	200	1000			Table I	M	M	M	1.0	0.41	1.4	998310390
160211	DICHLORODIFLUOROMETHANE	N		UG/L	0.5	5			Table I	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROMETHANE	N		MGL	140	700			Table I	M	M	M	1.0	0.44	1.5	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE	6.4		UG/L	698	3490			Table I	M	M	M	1.0	0.74	2.5	998310390
160211	ETHYL BENZENE	N		FT MSL					Table I	M	M	M	1.0	0.88	2.9	998310390
160211	FLUOROTRICHLOROMETHANE	N		J	0.038	MGL	0.15	0.3	Table 2	M	M	M	0.030	0.019	0.064	998310390
160211	GROUNDWATER ELEVATION			N		UG/L	1.5	15	Table 1	M	M	M	1.5	0.17	0.57	998310390
160211	IRON-DISSOLVED AS FE				3.5	UG/L	60	300	Table 1	M	M	M	10.0	0.40	1.3	998310390
160211	LEAD-DISSOLVED AS PB				3.5	UG/L	25	50	Table 2	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN				3.5	UG/L	120	600	Table 1	M	M	M	1.0	0.78	2.6	998310390
160211	MANGANESE-DISSOLVED AS MN				N											
160211	M-DICHLOROBENZENE															

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	WDNR QC
									Standard				
160211	MERCURY-DISSOLVED	005	N	UG/L	0.2	2			Table 1	M	M	0.20	0.12
160211	METHYL ETHYL KETONE (MEK)		N	UG/L	800	4000			Table 1	M	M	10	1.3
160211	METHYL TERT-BUTYL ETHER (MTBE)		N	UG/L	12	60			Table 1	M	M	1.0	0.16
160211	NAPHTHALENE		N	UG/L	10	100			Table 1	M	M	1.0	0.43
160211	NITRITE PLUS NITRATE-DISSOLVED AS N		0.81	MG/L	2	10			Table 1	M	M	0.050	0.020
160211	O-DICHLOROBENZENE		N	UG/L	60	600			Table 1	M	M	1.0	0.79
160211	OXIDATION REDUCTION POTENTIAL		163.0	MILLIVOLTS						M	M	1.0	2.6
160211	P-DICHLOROBENZENE		N	UG/L	15	75			Table 1	M	M	1.0	0.84
160211	PH-FIELD		7.46	SU									2.8
160211	SAMPLE COLOR		N	NONE									
160211	SAMPLE ODOR		N	NONE									
160211	SAMPLE TEMPERATURE		12.3	DEGREES C									
160211	SAMPLE TURBIDITY		0	NONE									
160211	SPECIFIC CONDUCTANCE-FIELD		553	UMHOS/CM									
160211	STYRENE		N	UG/L	10	100			Table 1	M	M	1.0	0.73
160211	SULFATE-DISSOLVED AS SO4		N	MG/L	125	250			Table 2	M	M	2.0	0.35
160211	TETRACHLOROETHYLENE		1.4	UG/L	0.5	5	P		Table 1	M	M	1.0	0.36
160211	TETRAHYDROFURAN		N	UG/L	10	50			Table 1	M	M	5.0	1.3
160211	TOLUENE		N	UG/L	160	800			Table 1	M	M	1.0	0.51
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N	UG/L	20	100			Table 1	M	M	1.0	0.90
160211	TRANS-1,3-DICHLOROPROPENE		N	UG/L	0.04	0.4			Table 1	M	M	1.0	0.37
160211	TRIBROMOMETHANE		N	UG/L	0.44	4.4			Table 1	M	M	1.0	0.26
160211	TRICHLOROETHYLENE		N	UG/L	0.5	5			Table 1	M	M	1.0	0.46
160211	VINYL CHLORIDE		N	UG/L	0.02	0.2			Table 1	M	M	1.0	0.90
160211	VINYL CHLORIDE		N	UG/L	0.02	0.2			Table 1	M	M	0.020	0.004
160211	XYLENES-TOTAL		N	UG/L	400	2000			Table 1	M	M	2.0	0.66
160211	GROUNDWATER ELEVATION		861.36	FT MSL									
160211	MW100	WDNR Point ID:	175										
160211	MW-22	WDNR Point ID:	060										
160210	1,1,1-TRICHLOROETHANE		N	UG/L	40	200			Table 1	M	M	1.0	0.82
160210	1,1,2,2-TETRACHLOROETHANE		N	UG/L	0.02	0.2			Table 1	M	M	1.0	0.21
160210	1,1,2,2-TRICHLOROETHANE		N	UG/L	0.5	5			Table 1	M	M	1.0	0.23
160210	1,1,2-TRICHLOROETHANE		N	UG/L	85	850			Table 1	M	M	1.0	0.38
160210	1,1-DICHLOROETHANE		N										

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Sample Date	Parameter	MW-22	WDNR Point ID:	060	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR			
												I	II	III	RL	LOQ	Lab Cert	
160210	1,1-DICHLOROETHYLENE	N			UG/L	0.7	7				Table 1	M	M	M	1.0	0.29	0.97	998310390
160210	1,2,4-TRICHLOROBENZENE	N			UG/L	14	70				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE	N			UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	1,2-DIBROMOETHANE (EDB)	N			UG/L	0.005	0.05				Table 1	M	M	M	1.0	0.73	2.4	998310390
160210	1,2-DICHLOROETHANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,2-DICHLOROPROPANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.72	2.4	998310390
160210	2-HEXANONE	N			UG/L							M	M	M	5.0	1.2	4.1	998310390
160210	4-METHYL-2-PENTANONE (MBK)	N			UG/L	50	500				Table 1	M	M	M	5.0	2.1	7.0	998310390
160210	ACETONE	N			UG/L	1800	9000	P			Table 1	M	M	M	10	3.0	10	998310390
160210	ALKALINITY-TOTAL AS CACO3 (FILT)				MGL	1	10					M	M	M	40.0	16.0	53.3	998310390
160210	ARSENIC-DISSOLVED AS AS				UG/L	1.1						M	M	M	1.0	0.27	0.90	998310390
160210	BARIUM-DISSOLVED AS BA				UG/L	400	2000				Table 1	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N			UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N			UG/L	1	10				Table 1	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N			UG/L	200	1000				Table 1	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N			UG/L	20	100				Table 1	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N			UG/L	80	400				Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N			UG/L	0.6	6				Table 1	M	M	M	1.0	0.34	1.1	998310390
160210	CHLOROMETHANE	N			UG/L	3	30				Table 1	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N			UG/L	7	70				Table 1	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N			UG/L	6	60				Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N			UG/L	200	1000				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.68	2.3	998310390
160210	DICHLOROMETHANE	N			MGL	4.6						M	M	M	1.0	0.44	1.5	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE				UG/L	140	700				Table 1	M	M	M	1.0	0.74	2.5	998310390
160210	ETHYLBENZENE	N			UG/L	698	3490				Table 1	M	M	M	1.0	0.88	2.9	998310390
160210	FLUOROTRICHLOROMETHANE	N			FT MSL	0.12						M	M	M	0.030	0.019	0.064	998310390
160210	GROUNDWATER ELEVATION											M	M	M	1.5	0.17	0.57	998310390
160210	IRON DISSOLVED AS FE											M	M	M	10.0	0.40	1.3	998310390
160210	LEAD-DISSOLVED AS PB											M	M	M				
160210	MANGANESE-DISSOLVED AS MN											M	M	M				

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC Lab Cert	WDNR Lab Cert
160210	MANGANESE-DISSOLVED AS MN	060		8.2	UG/L	25	50		Table 2	M	M	10.0	0.40	1.3
160210	M-DICHLOROBENZENE		N		UG/L	120	600		Table 1	M	M	1.0	0.78	2.6
160210	MERCURY-DISSOLVED		N		UG/L	0.2	2		Table 1	M	M	0.20	0.12	0.40
160210	METHYL ETHYL KETONE (MEK)		N		UG/L	800	4000		Table 1	M	M	10	1.3	4.4
160210	METHYL TERT-BUTYL ETHER (MTBE)		N		UG/L	12	60		Table 1	M	M	1.0	0.16	0.53
160210	NAPHTHALENE		N		UG/L	10	100		Table 1	M	M	1.0	0.43	1.4
160210	NITRITE PLUS NITRATE-DISSOLVED AS N		0.16		MGL	2	10		Table 1	M	M	0.050	0.020	0.067
160210	O-DICHLOROBENZENE		N		UG/L	60	600		Table 1	M	M	1.0	0.79	2.6
160210	OXIDATION REDUCTION POTENTIAL		-3.0	MILLIVOLTS					Table 1	M	M	1.0	0.84	2.8
160210	P-DICHLOROBENZENE		N		UG/L	15	75			M	M	1.0	0.84	2.8
160210	PH-FIELD			6.77	SU									
160210	SAMPLE COLOR		N		NONE									
160210	SAMPLE ODOR		N		NONE									
160210	SAMPLE TEMPERATURE			12.0	DEGREES C									
160210	SAMPLE TURBIDITY		N		NONE									
160210	SPECIFIC CONDUCTANCE-FIELD		N	654	UMHOOS/CM									
160210	STYRENE		N	12.9	MGL	10	100		Table 1	M	M	1.0	0.73	2.4
160210	SULFATE-DISSOLVED AS SO4				UG/L	125	250		Table 2	M	M	2.0	0.35	1.2
160210	TETRACHLOROETHYLENE		N		UG/L	0.5	5		Table 1	M	M	1.0	0.36	1.2
160210	TETRAHYDROFURAN		N		UG/L	10	50		Table 1	M	M	5.0	1.3	4.2
160210	TOLUENE		N		UG/L	160	800		Table 1	M	M	1.0	0.51	1.7
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UG/L	20	100		Table 1	M	M	1.0	0.90	3.0
160210	TRANS-1,3-DICHLOROPROPENE		N		UG/L	0.04	0.4		Table 1	M	M	1.0	0.37	1.2
160210	TRIBROMOMETHANE		N		UG/L	0.44	4.4		Table 1	M	M	1.0	0.26	0.87
160210	TRICHLOROETHYLENE		N		UG/L	0.5	5		Table 1	M	M	1.0	0.46	1.5
160210	VINYL CHLORIDE		N		UG/L	0.02	0.2		Table 1	M	M	0.020	0.004	0.013
160210	VINYL CHLORIDE		N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.90	3.0
160210	XYLEMES-TOTAL		N		UG/L	400	2000		Table 1	M	M	2.0	0.66	2.2
160211	GROUNDWATER ELEVATION		075											
160211	WDNR Point ID:	080												
160211	1,1,1-TRICHLOROETHANE		N		UG/L	40	200		Table 1	M	M	1.0	0.82	2.7
160211	1,1,2,2-TETRACHLOROETHANE		N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.21	0.70

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	WDNR			
										QC I	QC II	QC III	
160211	LEAD-DISSOLVED AS PB	080	N	6.4	UG/L	1.5	1.5	Table 1	M	M	1.5	0.17	
160211	MANGANESE-DISSOLVED AS MN		N	6.4	UG/L	60	300	Table 1	M	M	10.0	0.40	
160211	MANGANESE-DISSOLVED AS MN		N	6.4	UG/L	25	50	Table 2	M	M	10.0	0.40	
160211	M-DICHLOROBENZENE		N	120	UG/L	120	600	Table 1	M	M	1.0	0.78	
160211	MERCURY-DISSOLVED		N	0.2	2	UG/L	0.2	Table 1	M	M	0.20	0.12	
160211	METHYL ETHYL KETONE (MEK)		N	800	4000	UG/L	800	Table 1	M	M	10	1.3	
160211	METHYL TERT-BUTYL ETHER (MTBE)		N	12	60	UG/L	12	Table 1	M	M	1.0	0.16	
160211	NAPHTHALENE		N	10	100	UG/L	10	Table 1	M	M	1.0	0.43	
160211	NITRITE PLUS NITRATE-DISSOLVED AS N		N	0.56	MG/L	2	10	Table 1	M	M	0.050	0.020	
160211	O-DICHLOROBENZENE		N	60	600	UG/L	60	Table 1	M	M	1.0	0.79	
160211	OXIDATION REDUCTION POTENTIAL		N	95.0	MILLIVOLTS	UG/L	15	75	Table 1	M	M	1.0	0.84
160211	P-DICHLOROBENZENE		N	7.79	SU	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
160211	PH-FIELD		N	12.6	DEGREES C	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
160211	SAMPLE COLOR		N	34.3	UMHOS/CM	UGL	10	100	Table 1	M	M	1.0	0.73
160211	SAMPLE ODOR		N	34.3	MG/L	125	250	Table 2	M	M	2.0	0.35	
160211	SAMPLE TEMPERATURE		N	0.5	5	UGL	0.5	Table 1	M	M	1.0	0.36	
160211	SAMPLE TURBIDITY		N	10	50	UGL	10	Table 1	M	M	5.0	1.3	
160211	SPECIFIC CONDUCTANCE-FIELD		N	160	800	UGL	160	Table 1	M	M	1.0	0.51	
160211	STYRENE		N	20	100	UGL	20	Table 1	M	M	1.0	0.90	
160211	SULFATE-DISSOLVED AS SO ₄		N	0.04	0.4	UGL	0.04	Table 1	M	M	1.0	0.37	
160211	TETRACHLOROETHYLENE		N	0.44	4.4	UGL	0.44	Table 1	M	M	1.0	0.26	
160211	TETRAHYDROFURAN		N	0.5	5	UGL	0.5	Table 1	M	M	1.0	0.46	
160211	TOLUENE		N	0.02	0.2	UGL	0.02	Table 1	M	M	0.020	0.004	
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N	0.02	0.2	UGL	0.02	Table 1	M	M	1.0	0.90	
160211	TRANS-1,3-DICHLOROPROPENE		N	0.02	0.2	UGL	0.02	Table 1	M	M	0.013	0.004	
160211	TRIBROMOMETHANE		N	0.02	0.2	UGL	0.02	Table 1	M	M	3.0	0.90	
160211	TRICHLOROETHYLENE		N	0.02	0.2	UGL	0.02	Table 1	M	M	2.0	0.66	
160211	VINYL CHLORIDE		N	0.02	0.2	UGL	0.02	Table 1	M	M	2.0	0.66	
160211	VINYL CHLORIDE		N	0.02	0.2	UGL	0.02	Table 1	M	M	2.0	0.66	
160211	XYLENES-TOTAL		N	400	2000	UGL	400	Table 1	M	M	2.0	2.2	
Sample Point: MW27			WDNR Point ID: 095			WDNR			WDNR				
160210	1,1,1-TRICHLOROETHANE		N	40	200	UGL	40	Table 1	M	M	1.0	0.82	
160210	1,1,2,2-TETRACHLOROETHANE		N	0.02	0.2	UGL	0.02	Table 1	M	M	1.0	0.21	
160210	1,1,2-TRICHLOROETHANE		N	0.5	5	UGL	0.5	Table 1	M	M	1.0	0.23	

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	095	Qualifier	Value	Units	PAL	FS	Exceedance	Type of Standard	QC	QC	QC	QC	QC	QC	WDNR		
											1	II	III	IV	V	VI	LOQ	Lab Cert	
160210	1,1-DICHLOROETHANE	N		UG/L	85	850				M	M	M	M	M	M	1.0	0.38	1.3	998310390
160210	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				M	M	M	M	M	M	1.0	0.29	0.97	998310390
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				M	M	M	M	M	M	1.0	0.41	1.4	998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				M	M	M	M	M	M	1.0	0.39	1.3	998310390
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				M	M	M	M	M	M	1.0	0.73	2.4	998310390
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	M	M	1.0	0.21	0.70	998310390
160210	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				M	M	M	M	M	M	1.0	0.72	2.4	998310390
160210	2-HEXANONE	N		UG/L						M	M	M	M	M	M	5.0	1.2	4.1	998310390
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500				M	M	M	M	M	M	5.0	2.1	7.0	998310390
160210	ACETONE	N		UG/L	1800	9000				M	M	M	M	M	M	10	3.0	10	998310390
160210	ALKALINITY-TOTAL AS CACO ₃ (FLT)	278		Mg/L						M	M	M	M	M	M	40.0	16.0	53.3	998310390
160210	ARSENIC-DISSOLVED AS AS	J	0.69	UG/L	1	10				M	M	M	M	M	M	1.0	0.27	0.90	998310390
160210	BARIUM-DISSOLVED AS BA	39.6		UG/L	400	2000				M	M	M	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N		UG/L	0.5	5				M	M	M	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				M	M	M	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N		UG/L	1	10				M	M	M	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N		UG/L	200	1000				M	M	M	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5				M	M	M	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N		UG/L	20	100				M	M	M	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N		UG/L	80	400				M	M	M	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N		UG/L	0.6	6				M	M	M	M	M	M	1.0	0.34	1.1	998310390
160210	CHLOROMETHANE	N		UG/L	3	30				M	M	M	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				M	M	M	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				M	M	M	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60				M	M	F	F	M	M	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N		UG/L	200	1000				M	M	M	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N		UG/L	0.5	5				M	M	M	M	M	M	1.0	0.68	2.3	998310390
160210	DICHLOROMETHANE	N		Mg/L						M	M	M	M	M	M	1.0	0.44	1.5	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE	4.1		UG/L	140	700				M	M	M	M	M	M	1.0	0.74	2.5	998310390
160210	ETHYLBENZENE	N		UG/L	698	3490				M	M	M	M	M	M	1.0	0.88	2.9	998310390
160210	FLUOROTRICHLOROMETHANE	N		FT MSL						F	M	M	M	M	M	0.030	0.019	0.064	998310390
160210	GROUNDWATER ELEVATION	J	0.050	Mg/L	0.15	0.3				M	M	M	M	M	M	1.5	0.17	0.57	998310390
160210	IRON-DISSOLVED AS FE	N		UG/L	1.5	15				M	M	M	M	M	M				
160210	LEAD-DISSOLVED AS PB																		

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	Qualifer	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC QC QC			WDNR			
										I	II	III	RL	LQ	Lab Cert	
160210	MANGANESE-DISSOLVED AS MN	MW27		095	UG/L	60	300		Table 1	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN			5.3	UG/L	25	50		Table 2	M	M	M	10.0	0.40	1.3	998310390
160210	M-DICHLOROBENZENE		N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160210	MERCURY-DISSOLVED		N		UG/L	0.2	2		Table 1	M	M	M	0.20	0.12	0.40	998310390
160210	METHYL ETHYL KETONE (MEK)		N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160210	METHYL TERT-BUTYL ETHER (MTBE)		N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160210	NAPHTHALENE		N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160210	NITRITE PLUS NITRATE-DISSOLVED AS N		N	1.1	MGL	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
160210	O-DICHLOROBENZENE		N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160210	OXIDATION REDUCTION POTENTIAL			-16.0	MILLIVOLTS	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160210	P-DICHLOROBENZENE		N		UG/L	SU										
160210	PH-FIELD			6.93	SU											
160210	SAMPLE COLOR		N		NONE											
160210	SAMPLE ODOR		N		NONE											
160210	SAMPLE TEMPERATURE			8.9	DEGREES C											
160210	SAMPLE TURBIDITY		N		NMHS/CM	540										
160210	SPECIFIC CONDUCTANCE-FIELD		N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160210	STYRENE			16.3	MGL	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160210	SULFATE-DISSOLVED AS SO4		N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	TETRACHLOROETHYLENE		N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160210	TETRAHYDROFURAN		N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160210	TOLUENE		N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160210	TRANS-1,3-DICHLOROPROPENE		N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
160210	TRIBROMOMETHANE		N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160210	TRICHLOROETHYLENE		N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160210	VINYL CHLORIDE		N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160210	VINYL CHLORIDE		N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: MW29	WDNR Point ID:	115														
160210	GROUNDWATER ELEVATION															
Sample Point: MW30	WDNR Point ID:	130														
160211	GROUNDWATER ELEVATION															

Hagen Farm Landfill

License Number: 02981
 Facility ID Number: 113176030

Sample Date	Parameter	Sample Point:	MW32	WDNR Point ID:	145	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	QC IV	QC V	QC VI	QC VII	WDNR RL	LOQ	Lab Cert
160210	GROUNDWATER ELEVATION				856.69		FT MSL															
160211	1,1,1-TRICHLOROETHANE	N			UG/L	40	200						M	M	M	M	M	M	M	1.0	0.82	2.7
160211	1,1,2,2-TETRACHLOROETHANE	N			UG/L	0.02	0.2						M	M	M	M	M	M	M	1.0	0.21	0.70
160211	1,1,2-TRICHLOROETHANE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.23	0.77
160211	1,1-DICHLOROETHANE	N			UG/L	85	850						M	M	M	M	M	M	M	1.0	0.38	1.3
160211	1,1-DICHLOROETHYLENE	N			UG/L	0.7	7						M	M	F	F	F	F	F	1.0	0.29	0.97
160211	1,2,4-TRICHLOROBENZENE	N			UG/L	14	70						M	M	M	M	M	M	M	1.0	0.41	1.4
160211	1,2-DIBROMO-3-CHLOROPROPANE	N			UG/L	0.02	0.2						M	M	M	M	M	M	M	1.0	0.39	1.3
160211	1,2-DIBROMOETHANE (EDB)	N			UG/L	0.005	0.05						M	M	M	M	M	M	M	1.0	0.73	2.4
160211	1,2-DICHLOROETHANE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.21	0.70
160211	1,2-DICHLOROPROPANE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.72	2.4
160211	2-HEXANONE	N			UG/L															5.0	1.2	4.1
160211	4-METHYL-2-PENTANONE (MIBK)	N			UG/L	50	500						M	M	M	M	M	M	M	5.0	2.1	7.0
160211	ACETONE	N			UG/L	1800	9000						M	M	M	M	M	M	M	10	3.0	10
160211	ALKALINITY-TOTAL AS CACO3 (FILT)		409		MGL								M	M	M	M	M	M	M	50.0	20.0	66.7
160211	ARSENIC-DISSOLVED AS AS	N			UG/L	1	10						M	M	M	M	M	M	M	1.0	0.27	0.90
160211	BARIUM-DISSOLVED AS BA	N			UG/L	400	2000						M	M	M	M	M	M	M	5.0	0.70	2.3
160211	BENZENE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.41	1.4
160211	BROMODICHLOROMETHANE	N			UG/L	0.06	0.6						M	M	M	M	M	M	M	1.0	0.39	1.3
160211	BROMOMETHANE	N			UG/L	1	10						M	M	M	M	M	M	M	1.0	0.69	2.3
160211	CARBON DISULFIDE	N			UG/L	200	1000						M	M	M	M	M	M	M	1.0	0.19	0.63
160211	CARBON TETRACHLORIDE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.27	0.90
160211	CHLOROBENZENE	N			UG/L	20	100						M	M	M	M	M	M	M	1.0	0.75	2.5
160211	CHLOROETHANE	N			UG/L	80	400						M	M	M	M	M	M	M	1.0	0.32	1.1
160211	CHLOROFORM	N			UG/L	0.6	6						M	M	M	M	M	M	M	1.0	0.34	1.1
160211	CHLOROMETHANE	N			UG/L	3	30						M	M	M	M	M	M	M	1.0	0.35	1.2
160211	CIS-1,2-DICHLOROETHENE	N			UG/L	7	70						M	M	M	M	M	M	M	1.0	0.81	2.7
160211	CIS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4						M	M	M	M	M	M	M	1.0	0.36	1.2
160211	DIBROMOCHLOROMETHANE	N			UG/L	6	60						M	M	M	M	M	M	M	1.0	0.32	1.1
160211	DIBROMOMETHANE	N			UG/L								M	M	M	M	M	M	M	1.0	0.41	1.4
160211	DICHLORODIFLUOROMETHANE	N			UG/L	200	1000						M	M	M	M	M	M	M	1.0	0.68	2.3
160211	DICHLOROMETHANE	N			UG/L	0.5	5						M	M	M	M	M	M	M	1.0	0.44	1.5
160211	DISSOLVED OXYGEN, FIELD BY PROBE		2.9		MGL																	

Hagen Farm Landfill

License Number: 02981
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Sample Date	Parameter	WDNR Point ID:	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	WDNR				
											QC I	QC II	QC III		
160211	ETHYLBENZENE	N	N		UG/L	140	700		Table 1	M	M	1.0	0.74	2.5	998310390
160211	FLUOROTRICHLOROMETHANE	N	858.88	FT MSL	UG/L	698	3490		Table 1	M	M	1.0	0.88	2.9	998310390
160211	GROUNDWATER ELEVATION	N			MGL	0.15	0.3		Table 2	M	M	0.030	0.019	0.064	998310390
160211	IRON-DISSOLVED AS FE	N			UG/L	1.5	15		Table 1	M	M	1.5	0.17	0.57	998310390
160211	LEAD-DISSOLVED AS PB	N	5.2		UG/L	60	300		Table 1	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	N	5.2		UG/L	25	50		Table 2	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	N			UG/L	120	600		Table 1	M	M	1.0	0.78	2.6	998310390
160211	M-DICHLOROBENZENE	N			UG/L	0.2	2		Table 1	M	M	0.20	0.12	0.40	998310390
160211	MERCURY-DISSOLVED	N			UG/L	800	4000		Table 1	M	M	10	1.3	4.4	998310390
160211	METHYL ETHYL KETONE (MEK)	N			UG/L	12	60		Table 1	M	M	1.0	0.16	0.53	998310390
160211	METHYL TERT-BUTYL ETHER (MTBE)	N			UG/L	10	100		Table 1	M	M	1.0	0.43	1.4	998310390
160211	NAPHTHALENE	N	0.87		MGL	2	10		Table 1	M	M	0.050	0.020	0.067	998310390
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	N			UG/L	60	600		Table 1	M	M	1.0	0.79	2.6	998310390
160211	O-DICHLOROBENZENE	N			UG/L	98.0	MILLIVOLTS		Table 1	M	M	1.0	0.84	2.8	998310390
160211	OXIDATION REDUCTION POTENTIAL	N			SU	15	75								
160211	P-DICHLOROBENZENE	N	7.47		NONE				Table 1	M	M	1.0	0.84	2.8	998310390
160211	PH-FIELD	N			NONE										
160211	SAMPLE COLOR	N			NONE										
160211	SAMPLE ODOR	N			DEGREES C										
160211	SAMPLE TEMPERATURE	N	11.1		NONE										
160211	SAMPLE TURBIDITY	N			UMHOS/CM	687			Table 1	M	M	1.0	0.73	2.4	998310390
160211	SPECIFIC CONDUCTANCE-FIELD	N			UG/L	10	100		Table 2	M	M	2.0	0.35	1.2	998310390
160211	STYRENE	N			MGL	125	250		Table 1	M	M	1.0	0.36	1.2	998310390
160211	SULFATE-DISSOLVED AS SO4	N			UG/L	0.5	5		Table 1	M	M	5.0	1.3	4.2	998310390
160211	TETRACHLOROETHYLENE	N			UG/L	10	50		Table 1	M	M	1.0	0.51	1.7	998310390
160211	TETRAHYDROFURAN	N			UG/L	160	800		Table 1	M	M	1.0	0.90	3.0	998310390
160211	TOLUENE	N			UG/L	20	100		Table 1	M	M	1.0	0.37	1.2	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N			UG/L	0.04	0.4		Table 1	M	M	1.0	0.26	0.87	998310390
160211	TRANS-1,3-DICHLOROPROPENE	N			UG/L	0.44	4.4		Table 1	M	M	1.0	0.46	1.5	998310390
160211	TRIBROMOMETHANE	N			UG/L	0.5	5		Table 1	M	M	1.0	0.90	3.0	998310390
160211	TRICHLOROETHYLENE	N			UG/L	0.02	0.2		Table 1	M	M	0.020	0.004	0.013	998310390
160211	VINYL CHLORIDE	N			UG/L	0.02	0.2		Table 1	M	M	2.0	0.66	2.2	998310390
160211	VINYLCHELORIDE	N			UG/L	400	2000		Table 1	M	M	1.0	0.04	0.013	998310390
160211	XYLENES-TOTAL	N													

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	025	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC 1	QC II	QC III	RL	LOQ	Lab Cert	WDNR
160211	1,1,1-TRICHLOROETHANE	N		UG/L	40	200				Table 1	M	M	M	1.0	0.82	2.7	998310390
160211	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.21	0.70	998310390
160211	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.23	0.77	998310390
160211	1,1-DICHLOROETHANE	N		UG/L	85	850				Table 1	M	M	M	1.0	0.38	1.3	998310390
160211	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				Table 1	M	M	F	1.0	0.29	0.97	998310390
160211	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				Table 1	M	M	M	1.0	0.41	1.4	998310390
160211	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.39	1.3	998310390
160211	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				Table 1	M	M	M	1.0	0.73	2.4	998310390
160211	1,2-DICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N		UG/L							M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500				Table 1	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE	N		UG/L	1800	9000				Table 1	M	M	M	10	3.0	1.0	998310390
160211	ALKALINITY-TOTAL AS CACO ₃ (FILT)		197	M/G/L							M	M	M	30.0	12.0	40.0	998310390
160211	ARSENIC-DISSOLVED AS AS	J	0.58	UG/L	1	10				Table 1	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA		27.3	UG/L	400	2000				Table 1	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	M	1.0	0.32	1.1	998310390
160211	DIBROMOMETHANE	N		M/G/L							M	M	M	1.0	0.41	1.4	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE		5.6	UG/L	140	700				Table 1	M	M	M	1.0	0.74	2.5	998310390
160211	ETHYL BENZENE	N		UG/L	698	3490				Table 1	M	M	M	1.0	0.88	2.9	998310390
160211	FLUOROTRICHLOROMETHANE	N		UG/L													

Hagen Farm Landfill

Facility ID Number: 113176030
License Number: 02981

Sample Date	Parameter	WDNR Point ID:	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	WDNR RL	LOQ	Lab Cert		
								QC								
160211	GROUNDWATER ELEVATION	025	859.91	FT MSL	MGL	0.15	0.3	P	Table 2	M	M	0.030	0.019	0.064	998310390	
160211	IRON-DISSOLVED AS FE	J	0.17	MGL	1.5	1.5			Table 1	M	M	1.5	0.17	0.57	998310390	
160211	LEAD-DISSOLVED AS PB	J	0.45	UG/L	1.5	1.5			Table 1	M	M	10.0	0.40	1.3	998310390	
160211	MANGANESE-DISSOLVED AS MN	N	19.2	UG/L	60	300			Table 2	M	M	10.0	0.40	1.3	998310390	
160211	MANGANESE-DISSOLVED AS MN	N	19.2	UG/L	25	50			Table 1	M	M	1.0	0.78	2.6	998310390	
160211	M-DICHLOROBENZENE	N		UG/L	120	600			Table 1	M	M	0.20	0.12	0.40	998310390	
160211	MERCURY-DISSOLVED	N		UG/L	0.2	2			Table 1	M	M	10	1.3	4.4	998310390	
160211	MERCURY-ETHYL KETONE (MEK)	N		UG/L	800	4000			Table 1	M	M	1.0	0.16	0.53	998310390	
160211	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60			Table 1	M	M	1.0	0.43	1.4	998310390	
160211	NAPHTHALENE	N		UG/L	10	100			Table 1	M	M	0.050	0.020	0.067	998310390	
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	N	0.55	MGL	2	10			Table 1	M	M	1.0	0.79	2.6	998310390	
160211	O-DICHLOROBENZENE	N		UG/L	60	600			Table 1	M	M	1.0	0.84	2.8	998310390	
160211	OXIDATION REDUCTION POTENTIAL	N	114	MILLIVOLTS	UG/L	15	75			Table 1	M	M	1.0	0.73	2.4	998310390
160211	P-DICHLOROBENZENE	N		SU												
160211	PH-FIELD	N	7.96	SU												
160211	SAMPLE COLOR	N		NONE												
160211	SAMPLE ODOR	N		NONE												
160211	SAMPLE TEMPERATURE	N	8.8	DEGREES C												
160211	SAMPLE TURBIDITY	N	0	NONE												
160211	SPECIFIC CONDUCTANCE-FIELD	N	455	UMHOS/CM	UG/L	10	100			Table 1	M	M	1.0	0.73	2.4	998310390
160211	STYRENE	N	43.8	MGL	125	250			Table 2	M	M	2.0	0.35	1.2	998310390	
160211	SULFATE-DISSOLVED AS SO4	N		UG/L	0.5	5			Table 1	M	M	1.0	0.36	1.2	998310390	
160211	TETRACHLOROETHYLENE	N		UG/L	10	50			Table 1	M	M	5.0	1.3	4.2	998310390	
160211	TETRAHYDROFURAN	N		UG/L	160	800			Table 1	M	M	1.0	0.51	1.7	998310390	
160211	TOLUENE	N		UG/L	20	100			Table 1	M	M	1.0	0.90	3.0	998310390	
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	0.04	0.4			Table 1	M	M	1.0	0.37	1.2	998310390	
160211	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.44	4.4			Table 1	M	M	1.0	0.26	0.87	998310390	
160211	TRIBROMOMETHANE	N		UG/L	0.5	5			Table 1	M	M	1.0	0.46	1.5	998310390	
160211	TRICHLOROETHYLENE	N		UG/L	0.02	0.2			Table 1	M	M	0.020	0.004	0.013	998310390	
160211	VINYL CHLORIDE	N		UG/L	0.02	0.2			Table 1	M	M	1.0	0.90	3.0	998310390	
160211	VINYL CHLORIDE	N		UG/L	400	2000			Table 1	M	M	2.0	0.66	2.2	998310390	
	Sample Point: OB11M	WDNR Point ID:	040							Table 1	M	M	1.0	0.82	2.7	998310390
160210	1,1,1-TRICHLOROETHANE	N		UG/L	40	200										

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	WDNR Point ID: 040	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR			
											I	II	III	RL	LOQ	Lab Cert	
160210	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.23	0.77	998310390
160210	1,1-DICHLOROETHANE	N		UG/L	85	850				Table 1	M	M	M	1.0	0.38	1.3	998310390
160210	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				Table 1	M	M	M	1.0	0.29	0.97	998310390
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	1,2,4-TRICHLORO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				Table 1	M	M	M	1.0	0.73	2.4	998310390
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.72	2.4	998310390
160210	2-HEXANONE	N		UG/L	50	500				Table 1	M	M	M	5.0	1.2	4.1	998310390
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	1800	9000				Table 1	M	M	M	5.0	2.1	7.0	998310390
160210	ACETONE	N		MGL	1	10				Table 1	M	M	M	10	3.0	10	998310390
160210	ALKALINITY-TOTAL AS CACO3 (FLT)	N	396	UG/L	400	2000				Table 1	M	M	M	50.0	20.0	66.7	998310390
160210	ARSENIC-DISSOLVED AS AS	J	0.39	UG/L	73.8	UG/L				Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	BARIUM-DISSOLVED AS BA	N		UG/L	0.5	5				Table 1	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N		UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N		UG/L	1	10				Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N		UG/L	20	100				Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N		UG/L	80	400				Table 1	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N		UG/L	0.6	6				Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N		UG/L	3	30				Table 1	M	M	M	1.0	0.34	1.1	998310390
160210	CHLOROMETHANE	N		UG/L	7	70				Table 1	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	6	60				Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N		MGL	2.0					Table 1	M	M	F	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N		UG/L	140	700				Table 1	M	M	M	1.0	0.74	2.5	998310390
160210	DICHLOROMETHANE	N		UG/L	698	3490				Table 1	M	M	M	1.0	0.88	2.9	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE	N															
160210	ETHYLBENZENE	N															
160210	FLUOROTRICHLOROMETHANE	N															
160210	GROUNDWATER ELEVATION	N	857.77														

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	Qualifer	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC QC QC			WDNR			
										I	II	III	RL	LOQ	Lab Cert	
160210	IRON-DISSOLVED AS FE	OB11M	N	0.3	Mg/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
160210	LEAD-DISSOLVED AS PB	N	N	1.5	UG/L	1.5	1.5		Table 1	M	M	M	1.5	0.17	0.57	998310390
160210	MANGANESE-DISSOLVED AS MN	106	UG/L	300	P	60	300		Table 1	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN	106	UG/L	50	E	25	50		Table 2	M	M	M	10.0	0.40	1.3	998310390
160210	M-DICHLOROBENZENE	N	UG/L	600		120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160210	MERCURY-DISSOLVED	N	UG/L	2		0.2	2		Table 1	M	M	M	0.20	0.12	0.40	998310390
160210	METHYL ETHYL KETONE (MEK)	N	UG/L	4000		800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160210	METHYL TERT-BUTYL ETHER (MTBE)	N	UG/L	60		12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160210	NAPHTHALENE	N	UG/L	100		10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160210	NITRITE PLUS NITRATE-DISSOLVED AS N	N	Mg/L	2		2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
160210	O-DICHLOROBENZENE	N	UG/L	600		60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160210	OXIDATION REDUCTION POTENTIAL		112	MILLIVOLTS					Table 1	M	M	M	1.0	0.84	2.8	998310390
160210	P-DICHLOROBENZENE	N	UG/L	15		75										
160210	PH-FIELD	N	SU													
160210	SAMPLE COLOR	N	NONE													
160210	SAMPLE ODOR	N	NONE													
160210	SAMPLE TEMPERATURE	N	8.2	DEGREES C												
160210	SAMPLE TURBIDITY	N	NONE													
160210	SPECIFIC CONDUCTANCE-FIELD	N	960	UMHOS/CM												
160210	STYRENE	N	UG/L	10		100			Table 1	M	M	M	1.0	0.73	2.4	998310390
160210	SULFATE-DISSOLVED AS SO4	50.0	Mg/L	250		125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160210	TETRACHLOROETHYLENE	N	UG/L	5		0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	TETRAHYDROFURAN	N	UG/L	50		10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160210	TOLUENE	N	UG/L	800		160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)	N	UG/L	100		20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160210	TRANS-1,3-DICHLOROPROPENE	N	UG/L	0.4		0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160210	TRIBROMOMETHANE	N	UG/L	4.4		0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
160210	TRICHLOROETHYLENE	N	UG/L	5		0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160210	VINYL CHLORIDE	N	UG/L	0.2		0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160210	VINYL CHLORIDE	N	UG/L	0.2		0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160210	XYLENES-TOTAL	N	UG/L	2000		400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OB8M	WDNR Point ID:	035														
160210	1,1,1-TRICHLOROETHANE	N	UG/L	200		40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160210	1,1,2,2-TETRACHLOROETHANE	N	UG/L	0.2		0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	WDNR Point ID: 035	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC QC QC	QC QC QC	WDNR	
											1 I	II II	III III	RL LOD LOQ Lab Cert
160210	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	1.0 0.23 0.77 998310390
160210	1,1-DICHLOROETHANE	N		UG/L	85	850				M	M	M	M	1.0 0.38 1.3 998310390
160210	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				M	M	M	M	1.0 0.29 0.97 998310390
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				M	M	M	M	1.0 0.41 1.4 998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				M	M	M	M	1.0 0.39 1.3 998310390
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				M	M	M	M	1.0 0.73 2.4 998310390
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	1.0 0.21 0.70 998310390
160210	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				M	M	M	M	1.0 0.72 2.4 998310390
160210	2-HEXANONE	N		UG/L	50	500				M	M	M	M	5.0 1.2 4.1 998310390
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	1800	9000				M	M	M	M	5.0 2.1 7.0 998310390
160210	ACETONE	N		MGL	410					M	M	M	M	10 3.0 10 998310390
160210	ALKALINITY-TOTAL AS CACO3 (FLT)	J	0.87	UG/L	1	10				M	M	M	M	50.0 20.0 66.7 998310390
160210	ARSENIC-DISSOLVED AS AS			UG/L	400	2000				M	M	M	M	1.0 0.27 0.90 998310390
160210	BARIUM-DISSOLVED AS BA	N	93.4	UG/L	0.5	5				M	M	M	M	5.0 0.70 2.3 998310390
160210	BENZENE	N		UG/L	0.06	0.6				M	M	M	M	1.0 0.41 1.4 998310390
160210	BROMODICHLOROMETHANE	N		UG/L	1	10				M	M	M	M	1.0 0.39 1.3 998310390
160210	BROMOMETHANE	N		UG/L	200	1000				M	M	M	M	1.0 0.69 2.3 998310390
160210	CARBON DISULFIDE	N		UG/L	0.5	5				M	M	M	M	1.0 0.19 0.63 998310390
160210	CARBON TETRACHLORIDE	N		UG/L	20	100				M	M	M	M	1.0 0.27 0.90 998310390
160210	CHLOROBENZENE	N		UG/L	80	400				M	M	M	M	1.0 0.75 2.5 998310390
160210	CHLOROETHANE	N		UG/L	0.6	6				M	M	M	M	1.0 0.32 1.1 998310390
160210	CHLOROFORM	N		UG/L	3	30				M	M	M	M	1.0 0.34 1.1 998310390
160210	CHLOROMETHANE	N		UG/L	7	70				M	M	M	M	1.0 0.35 1.2 998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	0.04	0.4				M	M	M	M	1.0 0.81 2.7 998310390
160210	CIS-1,2-DICHLOROPROPENE	N		UG/L	6	60				M	M	M	M	1.0 0.36 1.2 998310390
160210	DIBROMOCHLOROMETHANE	N		UG/L	200	1000				M	M	M	M	1.0 0.32 1.1 998310390
160210	DIBROMOMETHANE	N		MGL	140	700				M	M	M	M	1.0 0.41 1.4 998310390
160210	DICHLORODIFLUOROMETHANE	N	5.7	UG/L	0.5	5				M	M	M	M	1.0 0.68 2.3 998310390
160210	DICHLOROMETHANE	N		UG/L	698	3490				M	M	M	M	1.0 0.44 1.5 998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE			FT MSL	854.26					M	M	M	M	0.030 0.019 0.064 998310390
160210	ETHYL BENZENE	N		MGL	0.15	0.3				M	M	M	M	Table 2 1.0 0.74 2.5 998310390
160210	FLUOROTRICHLOROMETHANE	N		Table 1						M	M	M	M	Table 1 1.0 0.88 2.9 998310390
160210	GROUNDWATER ELEVATION			Table 1						M	M	M	M	Table 1 1.0 0.44 1.5 998310390
160210	IRON-DISSOLVED AS FE	N		Table 2						M	M	M	M	Table 2 1.0 0.030 0.019 0.064 998310390

Hagen Farm Landfill

Facility ID Number: 113176030

License Number: 02981

Sample Date	Parameter	WDNR Point ID:	035	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Standard	QC I	QC II	QC III	WDNR RL	WDNR LOD	WDNR LOQ	WDNR Lab Cert	
											QC	QC	QC	LOD	LOQ	Lab Cert		
160210	LEAD-DISSOLVED AS PB		N		UG/L	1.5	15			Table 1	M	M	M	1.5	0.17	0.57	998310390	
160210	MANGANESE-DISSOLVED AS MN		142		UG/L	60	300	P		Table 1	M	M	M	10.0	0.40	1.3	998310390	
160210	MANGANESE-DISSOLVED AS MN		142		UG/L	25	50	E		Table 2	M	M	M	10.0	0.40	1.3	998310390	
160210	M-DICHLOROBENZENE		N		UG/L	120	600			Table 1	M	M	M	1.0	0.78	2.6	998310390	
160210	MERCURY-DISSOLVED		N		UG/L	0.2	2			Table 1	M	M	M	0.20	0.12	0.40	998310390	
160210	METHYL ETHYL KETONE (MEK)		N		UG/L	800	4000			Table 1	M	M	M	10	1.3	4.4	998310390	
160210	METHYL TERT-BUTYL ETHER (MTBE)		N		UG/L	12	60			Table 1	M	M	M	1.0	0.16	0.53	998310390	
160210	NAPHTHALENE		N		UG/L	10	100			Table 1	M	M	M	1.0	0.43	1.4	998310390	
160210	NITRITE PLUS NITRATE-DISSOLVED ASN		0.35		MGL	2	10			Table 1	M	M	M	0.050	0.020	0.067	998310390	
160210	O-DICHLOROBENZENE		N		UG/L	60	600			Table 1	M	M	M	1.0	0.79	2.6	998310390	
160210	OXIDATION REDUCTION POTENTIAL		73	MILLIVOLTS						Table 1	M	M	M	1.0	0.84	2.8	998310390	
160210	P-DICHLOROBENZENE		N		UG/L	15	75			Table 1	M	M	M	1.0	0.73	2.4	998310390	
160210	PH-FIELD		7.47	SU						Table 1	M	M	M	1.0	0.35	1.2	998310390	
160210	SAMPLE COLOR		N	0	NONE					Table 1	M	M	M	1.0	0.36	1.2	998310390	
160210	SAMPLE ODOR		N	0	NONE					Table 1	M	M	M	5.0	1.3	4.2	998310390	
160210	SAMPLE TURBIDITY		N		UMHOS/CM	10	100			Table 1	M	M	M	1.0	0.51	1.7	998310390	
160210	SPECIFIC CONDUCTANCE-FIELD		N		MGL	125	250			Table 2	M	M	M	2.0	0.35	1.2	998310390	
160210	STYRENE		N	23.3	MGL	0.5	5			Table 1	M	M	M	1.0	0.36	1.2	998310390	
160210	SULFATE-DISSOLVED AS SO4		N		UGL	10	50			Table 1	M	M	M	5.0	1.3	4.2	998310390	
160210	TETRACHLOROETHYLENE		N		UGL	160	800			Table 1	M	M	M	1.0	0.90	3.0	998310390	
160210	TELAHYDROFURAN		N		UGL	0.04	0.4			Table 1	M	M	M	1.0	0.37	1.2	998310390	
160210	TOLUENE		N		UGL	0.44	4.4			Table 1	M	M	M	1.0	0.26	0.87	998310390	
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UGL	0.5	5			Table 1	M	M	M	1.0	0.46	1.5	998310390	
160210	TRANS-1,3-DICHLOROPROPENE		N		UGL	0.02	0.2	E		Table 1	M	M	M	0.020	0.004	0.013	998310390	
160210	TRIBROMOMETHANE		N	0.67	UGL	0.02	0.2			Table 1	M	M	M	1.0	0.90	3.0	998310390	
160210	TRICHLOROETHYLENE		N		UGL	400	2000			Table 1	M	M	M	2.0	0.66	2.2	998310390	
160210	VINYL CHLORIDE		N		UGL					Table 1	M	M	M	1.0	0.82	2.7	998310390	
160210	VINYL CHLORIDE		N		UGL	40	200			Table 1	M	M	M	1.0	0.21	0.70	998310390	
160210	XYLENES-TOTAL		N		UGL	0.02	0.2			Table 1	M	M	M	1.0	0.23	0.77	998310390	
	Sample Point: OBS-1A	WDNR Point ID:	010								Table 1	M	M	M	1.0	0.38	1.3	998310390
160211	1,1,1-TRICHLOROETHANE		N		UGL	0.5	5			Table 1	M	M	M	1.0	0.21	0.70	998310390	
160211	1,1,2,2-TETRACHLOROETHANE		N		UGL	85	850			Table 1	M	M	M	1.0	0.38	1.3	998310390	
160211	1,1,2-TRICHLOROETHANE		N		UGL					Table 1	M	M	M	1.0	0.21	0.70	998310390	
160211	1,1-DICHLOROETHANE		N		UGL					Table 1	M	M	M	1.0	0.23	0.77	998310390	

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	WDNR Point ID: 010	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	QC RL	QC LOD	QC LOQ	WDNR Lab Cert	
160211	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				Table 1	M	M	M	F	1.0	0.29	0.97	998310390
160211	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				Table 1	M	M	M	M	1.0	0.41	1.4	998310390
160211	1,2,4-TRICHLOROPROPANE	N		UG/L	0.02	0.2				Table 1	M	M	M	M	1.0	0.39	1.3	998310390
160211	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				Table 1	M	M	M	M	1.0	0.73	2.4	998310390
160211	1,2-DICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				Table 1	M	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N		UG/L							M	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500				Table 1	M	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE	N		UG/L	1800	9000				Table 1	M	M	M	M	10	3.0	10	998310390
160211	ALKALINITY-TOTAL AS CACO3 (FILT)		298	MGL	1	10				Table 1	M	M	M	M	40.0	16.0	53.3	998310390
160211	ARSENIC-DISSOLVED AS AS	J	0.48	UG/L						Table 1	M	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA		62.9	UG/L	400	2000				Table 1	M	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	M	1.0	0.36	1.2	998310390
160211	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	M	M	1.0	0.32	1.1	998310390
160211	DBROMOMETHANE	N		MGL							M	M	M	M	1.0	0.41	1.4	998310390
160211	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000				Table 1	M	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M	M	1.0	0.44	1.5	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE		6.7	MGL							M	M	M	M	1.0	0.74	2.5	998310390
160211	ETHYL BENZENE	N		UG/L	140	700				Table 1	M	M	M	M	0.030	0.019	0.064	998310390
160211	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490				Table 1	M	M	M	M	1.0	0.88	2.9	998310390
160211	GROUNDWATER ELEVATION		858.58	FT MSL							M	M	M	M	1.5	0.17	0.57	998310390
160211	IRON-DISSOLVED AS FE	N		MGL	0.15	0.3				Table 2	M	M	M	M	10.0	0.40	1.3	998310390
160211	LEAD-DISSOLVED AS PB	N		UG/L	1.5	15				Table 1	M	M	M	M	1.0	0.17	0.57	998310390
160211	MANGANESE-DISSOLVED AS MN		1.4	UG/L	60	300				Table 1	M	M	M	M	1.0	0.40	1.3	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 1131760340

Sample Date	Parameter	WDNR Point ID:	010	Qualifier	Value	Units	PAL	ES	Type of Standard	QC QC QC			WDNR			
										I	II	III	RL	LOD	LOQ	Lab Cert
160211	MANGANESE-DISSOLVED AS MN		1.4	UG/L	25	50			Table 2	M	M	M	10.0	0.40	1.3	998310390
160211	M-DICHLOROBENZENE	N		UG/L	120	600			Table 1	M	M	M	1.0	0.78	2.6	998310390
160211	MERCURY-DISSOLVED	N		UG/L	0.2	2			Table 1	M	M	M	0.20	0.12	0.40	998310390
160211	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000			Table 1	M	M	M	10	1.3	4.4	998310390
160211	METHYL-TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60			Table 1	M	M	M	1.0	0.16	0.53	998310390
160211	NAPHTHALENE	N		UG/L	10	100			Table 1	M	M	M	1.0	0.43	1.4	998310390
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	N	0.39	MG/L	2	10			Table 1	M	M	M	0.050	0.020	0.067	998310390
160211	O-DICHLOROBENZENE	N		UG/L	60	600			Table 1	M	M	M	1.0	0.79	2.6	998310390
160211	OXIDATION REDUCTION POTENTIAL		98	MILLIVOLTS	UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160211	P-DICHLOROBENZENE	N		SU												
160211	PH-FIELD		7.53	NONE												
160211	SAMPLE COLOR	N		NONE												
160211	SAMPLE ODOR	N		NONE												
160211	SAMPLE TEMPERATURE		13.5	DEGREES C												
160211	SAMPLE TURBIDITY	N		NONE												
160211	SPECIFIC CONDUCTANCE-FIELD	N	542	UMHOS/CM												
160211	STYRENE	N	5.0	MG/L	125	250			Table 1	M	M	M	1.0	0.73	2.4	998310390
160211	SULFATE-DISSOLVED AS SO4	N		UG/L	0.5	5			Table 2	M	M	M	2.0	0.35	1.2	998310390
160211	TETRACHLOROETHYLENE	N		UG/L	10	50			Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	TETRAHYDROFURAN	N		UG/L	160	800			Table 1	M	M	M	5.0	1.3	4.2	998310390
160211	TOLUENE	N		UG/L	20	100			Table 1	M	M	M	1.0	0.51	1.7	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	0.04	0.4			Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.44	4.4			Table 1	M	M	M	1.0	0.37	1.2	998310390
160211	TRIBROMOMETHANE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.26	0.87	998310390
160211	TRICHLOROETHYLENE	N		UG/L	0.02	0.2			Table 1	M	M	M	1.0	0.46	1.5	998310390
160211	VINYL CHLORIDE	N		UG/L	0.02	0.2			Table 1	M	M	M	0.020	0.004	0.013	998310390
160211	VINYL CHLORIDE	N		UG/L	400	2000			Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	XYLENES-TOTAL	N		UG/L	40	200			Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OBS-1B		WDNR Point ID:	015													
160211	1,1,1-TRICHLOROETHANE	N		UG/L	0.02	0.2			Table 1	M	M	M	1.0	0.82	2.7	998310390
160211	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.21	0.70	998310390
160211	1,1,2-TRICHLOROETHANE	N		UG/L	85	850			Table 1	M	M	M	1.0	0.23	0.77	998310390
160211	1,1-DICHLOROETHANE	N		UG/L	0.7	7			Table 1	M	M	F	1.0	0.38	1.3	998310390
160211	1,1-DICHLOROETHYLENE	N		UG/L					Table 1	M	M	F	1.0	0.29	0.97	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WQNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	QC IV	QC V	QC VI	QC VII	QC VIII	WQNR Lab Cert			
									Type of Exceedance	Standard	QC I	QC II	QC III	QC IV	QC V	QC VI	QC VII	QC VIII	WQNR Lab Cert		
160211	1,2,4-TRICHLOROBENZENE	N			UG/L	14	70		Table 1	M	M	M	M	M	M	M	M	1.4	998310390		
160211	1,2-DIBROMO-3-CHLOROPROPANE	N			UG/L	0.02	0.2		Table 1	M	M	M	M	M	M	M	M	1.3	998310390		
160211	1,2-DIBROMOETHANE (EDB)	N			UG/L	0.005	0.05		Table 1	M	M	M	M	M	M	M	M	2.4	998310390		
160211	1,2-DICHLOROETHANE	N			UG/L	0.5	5		Table 1	M	M	M	M	M	M	M	M	0.70	998310390		
160211	1,2-DICHLOROPROPANE	N			UG/L	0.5	5		Table 1	M	M	M	M	M	M	M	M	0.21	0.70	998310390	
160211	2-HEXANONE	N			UG/L				Table 1	M	M	M	M	M	M	M	M	0.72	2.4	998310390	
160211	4-METHYL-2-PENTANONE (MBK)	N			UG/L	50	500		Table 1	M	M	M	M	M	M	M	M	5.0	1.2	4.1	998310390
160211	ACETONE	N			UG/L	1800	9000		Table 1	M	M	M	M	M	M	M	M	5.0	2.1	7.0	998310390
160211	ALKALINITY-TOTAL AS CACO3 (FILT)	415			MG/L			P	Table 1	M	M	M	M	M	M	M	M	3.0	1.0	3.0	998310390
160211	ARSENIC-DISSOLVED AS AS		2.2		UG/L	1	10		Table 1	M	M	M	M	M	M	M	M	20.0	66.7	998310390	
160211	BARIUM-DISSOLVED AS BA		40.9		UG/L	400	2000		Table 1	M	M	M	M	M	M	M	M	0.27	0.90	998310390	
160211	BENZENE	N			UG/L	0.5	5		Table 1	M	M	M	M	M	M	M	M	0.70	2.3	998310390	
160211	BROMODICHLOROMETHANE	N			UG/L	0.06	0.6		Table 1	M	M	M	M	M	M	M	M	1.0	0.41	1.4	998310390
160211	BROMOMETHANE	N			UG/L	1	10		Table 1	M	M	M	M	M	M	M	M	0.39	1.3	998310390	
160211	CARBON DISULFIDE	N			UG/L	200	1000		Table 1	M	M	M	M	M	M	M	M	0.69	2.3	998310390	
160211	CARBON TETRACHLORIDE	N			UG/L	0.5	5		Table 1	M	M	M	M	M	M	M	M	0.19	0.63	998310390	
160211	CHLOROBENZENE	N			UG/L	20	100		Table 1	M	M	M	M	M	M	M	M	0.27	0.90	998310390	
160211	CHLOROETHANE	N			UG/L	80	400		Table 1	M	M	M	M	M	M	M	M	0.75	2.5	998310390	
160211	CHLOROFORM	N			UG/L	0.6	6		Table 1	M	M	M	M	M	M	M	M	0.32	1.1	998310390	
160211	CHLOROMETHANE	N			UG/L	3	30		Table 1	M	M	M	M	M	M	M	M	0.34	1.1	998310390	
160211	CIS-1,2-DICHLOROETHENE	N			UG/L	7	70		Table 1	M	M	M	M	M	M	M	M	0.35	1.2	998310390	
160211	CIS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4		Table 1	M	M	M	M	M	M	M	M	0.81	2.7	998310390	
160211	DIBROMOCHLOROMETHANE	N			UG/L	6	60		Table 1	M	M	M	M	M	M	M	M	0.36	1.2	998310390	
160211	DIBROMOMETHANE	N			UG/L	200	1000		Table 1	M	M	M	M	M	M	M	M	0.32	1.1	998310390	
160211	DICHLORODIFLUOROMETHANE	N			UG/L	0.5	5		Table 1	M	M	M	M	M	M	M	M	0.41	1.4	998310390	
160211	DISSOLVED OXYGEN, FIELD BY PROBE		9.2		MGL				Table 1	M	M	M	M	M	M	M	M	0.68	2.3	998310390	
160211	ETHYL BENZENE	N			UG/L	140	700		Table 1	M	M	M	M	M	M	M	M	0.44	1.5	998310390	
160211	FLUOROTRICHLOROMETHANE	N			FT MSL	698	3490		Table 1	M	M	M	M	M	M	M	M	0.88	2.9	998310390	
160211	IRON-DISSOLVED AS FE	N			MGL	0.15	0.3		Table 2	M	M	M	M	M	M	M	M	0.030	0.019	0.064	998310390
160211	LEAD-DISSOLVED AS PB				UG/L	1.5	15		Table 1	M	M	M	M	M	M	M	M	0.17	0.57	998310390	
160211	MANGANESE-DISSOLVED AS MN		1.3		UG/L	60	300		Table 1	M	M	M	M	M	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN		1.3		UG/L	25	50		Table 2	M	M	M	M	M	M	M	M	10.0	0.40	1.3	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176630

Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	WDNR					
									QC I	QC II	QC III	RL	LOD	LOQ	Lab Cert
160211	M-DICHLOROBENZENE	OBS-1B	N	UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160211	MERCURY-DISSOLVED		N	UG/L	0.2	2		Table 1	M	M	M	0.20	0.12	0.40	998310390
160211	METHYL ETHYL KETONE (MEK)		N	UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160211	METHYL TERT-BUTYL ETHER (MTBE)		N	UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160211	NAPHTHALENE		N	UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160211	NITRITE PLUS NITRATE-DISSOLVED AS N		0.43	MG/L	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
160211	O-DICHLOROBENZENE		N	UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160211	OXIDATION REDUCTION POTENTIAL		N	149	MILLIVOLTS	15	75	Table 1	M	M	M	1.0	0.84	2.8	998310390
160211	P-DICHLOROBENZENE		N	UG/L	7.62	SU									
160211	PH-FIELD		N	NONE											
160211	SAMPLE COLOR		N	NONE											
160211	SAMPLE ODOR		N	9.0	DEGREES C										
160211	SAMPLE TEMPERATURE		N	NONE											
160211	SAMPLE TURBIDITY		N	831	UMHOS/CM										
160211	SPECIFIC CONDUCTANCE-FIELD		N	UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160211	STYRENE		N	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160211	SULFATE-DISSOLVED AS SO4		N	UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	TETRACHLOROETHYLENE		N	UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160211	TETRAHYDROFURAN		N	UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160211	TOLUENE		N	UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N	UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160211	TRANS-1,3-DICHLOROPROPENE		N	UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160211	TRIBROMOMETHANE		N	UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160211	TRICHLOROETHYLENE		N	UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160211	VINYL CHLORIDE		N	UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	VINYL CHLORIDE		N	UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
160211	XYLENES-TOTAL		N	UG/L	14	70									
Sample Point: OBS-1C		WDNR Point ID:	017												
160211	1,1,1-TRICHLOROETHANE		N	UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160211	1,1,2,2-TETRACHLOROETHANE		N	UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160211	1,1,2-TRICHLOROETHANE		N	UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160211	1,1-DICHLOROETHANE		N	UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160211	1,1-DICHLOROETHYLENE		N	UG/L	0.7	7		Table 1	M	M	F	1.0	0.29	0.97	998310390
160211	1,2,4-TRICHLOROBENZENE		N	UG/L				Table 1	M	M	M	1.0	0.41	1.4	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	OBS-1C	WDNR Point ID:	017	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR			
												I	II	III	RL	LOQ	Lab Cert	
160211	1,2-DIBROMO-3-CHLOROPROPANE	N			UG/L	0.02	0.2				Table 1	M	M	M	1.0	0.39	1.3	998310390
160211	1,2-DIBROMOETHANE (EDB)	N			UG/L	0.005	0.05				Table 1	M	M	M	1.0	0.73	2.4	998310390
160211	1,2-DICHLOROETHANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N			UG/L	50	500				Table 1	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MBK)	N			UG/L	1800	9000				Table 1	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE	N			UG/L	1800	9000				Table 1	M	M	M	10	3.0	10	998310390
160211	ALKALINITY-TOTAL AS CACO ₃ (FILT)	410			MG/L							M	M	M	60.0	24.0	80.0	998310390
160211	ARSENIC-DISSOLVED AS AS	8.1			UG/L	1	10	P			Table 1	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA	48.2			UG/L	400	2000				Table 1	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N			UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N			UG/L	1	10				Table 1	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N			UG/L	200	1000				Table 1	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N			UG/L	20	100				Table 1	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N			UG/L	80	400				Table 1	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N			UG/L	0.6	6				Table 1	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N			UG/L	3	30				Table 1	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N			UG/L	7	70				Table 1	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	DBROMOCHLOROMETHANE	N			UG/L	6	60				Table 1	M	M	M	1.0	0.32	1.1	998310390
160211	DBROMOMETHANE	N			UG/L	200	1000				Table 1	M	M	M	1.0	0.41	1.4	998310390
160211	DICHLORODIFLUOROMETHANE	N			UG/L	0.5	5				Table 1	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROMETHANE	N			MG/L	140	700				Table 1	M	M	M	1.0	0.44	1.5	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE	9.1			UG/L	698	3490				Table 1	M	M	M	1.0	0.88	2.9	998310390
160211	GROUNDWATER ELEVATION	N			FT MSL	858.76												
160211	IRON-DISSOLVED AS FE	N			MG/L	0.15	0.3				Table 2	M	M	M	0.030	0.019	0.064	998310390
160211	LEAD-DISSOLVED AS PB	N			UG/L	1.5	15				Table 1	M	M	M	1.5	0.17	0.57	998310390
160211	MANGANESE-DISSOLVED AS MN	6.5			UG/L	60	300				Table 1	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	6.5			UG/L	25	50				Table 2	M	M	M	10.0	0.40	1.3	998310390
160211	M-DICHLOROBENZENE	N			UG/L	120	600				Table 1	M	M	M	1.0	0.78	2.6	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Wdnr Point ID:	017	Qualifier	Value	Units	Pal	Es	Type of Exceedance	Type of Standard	QC I	QC II	QC III	Wdnr RL	LoQ	Lab Cert
160211	MERCURY-DISSOLVED	N		UG/L	0.2	2			Table 1	M	M	M	0.20	0.12	0.40	998310390
160211	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000			Table 1	M	M	M	10	1.3	4.4	998310390
160211	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60			Table 1	M	M	M	1.0	0.16	0.53	998310390
160211	NAPHTHALENE	N		UG/L	10	100			Table 1	M	M	M	1.0	0.43	1.4	998310390
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	0.11		MG/L	2	10			Table 1	M	M	M	0.050	0.020	0.067	998310390
160211	O-DICHLOROBENZENE	N		UG/L	60	600			Table 1	M	M	M	1.0	0.79	2.6	998310390
160211	OXIDATION REDUCTION POTENTIAL		143.0	MILLIVOLTS												
160211	P-DICHLOROBENZENE	N		UG/L	15	75			Table 1	M	M	M	1.0	0.84	2.8	998310390
160211	PH-FIELD		7.98	SU												
160211	SAMPLE COLOR	N		NONE												
160211	SAMPLE ODOR	N		NONE												
160211	SAMPLE TEMPERATURE		9.0	DEGREES C												
160211	SAMPLE TURBIDITY	N		NONE												
160211	SPECIFIC CONDUCTANCE-FIELD	N	818	UMHOS/CM												
160211	STYRENE	N	19.1	MG/L	125	250			Table 2	M	M	M	2.0	0.35	1.2	998310390
160211	SULFATE-DISSOLVED AS SO4			UG/L	0.5	5			Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	TETRACHLOROETHYLENE	N		UG/L	10	50			Table 1	M	M	M	5.0	1.3	4.2	998310390
160211	TETRAHYDROFURAN	N		UG/L	160	800			Table 1	M	M	M	1.0	0.51	1.7	998310390
160211	TOLUENE	N		UG/L	20	100			Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	0.04	0.4			Table 1	M	M	M	1.0	0.37	1.2	998310390
160211	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.44	4.4			Table 1	M	M	M	1.0	0.26	0.87	998310390
160211	TRIBROMOMETHANE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.46	1.5	998310390
160211	TRICHLOROETHYLENE	N		UG/L	0.02	0.2			Table 1	M	M	M	0.020	0.004	0.013	998310390
160211	VINYL CHLORIDE	N		UG/L	0.02	0.2			Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	VINYL CHLORIDE	N		UG/L	400	2000			Table 1	M	M	M	2.0	0.66	2.2	998310390
160211	XYLENES-TOTAL	N														
	Sample Point: OBS-2C	Wdnr Point ID:	022													
160210	1,1,1-TRICHLOROETHANE	N		UG/L	40	200			Table 1	M	M	M	1.0	0.82	2.7	998310390
160210	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2			Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.23	0.77	998310390
160210	1,1-DICHLOROETHANE	N		UG/L	85	850			Table 1	M	M	M	1.0	0.38	1.3	998310390
160210	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7			Table 1	M	M	M	1.0	0.29	0.97	998310390
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70			Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2			Table 1	M	M	M	1.0	0.39	1.3	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	WDNR Point ID: 022	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	WDNR		
											QC I	QC II	QC III
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				Table 1	M	M	M
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M
160210	1,2-DICLOROPROPANE	N		UG/L	0.5	5				Table 1	M	M	M
160210	2-HEXANONE	N		UG/L							M	M	M
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500				Table 1	M	M	M
160210	ACETONE	N		UG/L	1800	9000				Table 1	M	M	M
160210	ALKALINITY-TOTAL AS CACO3 (FILT)	N	380	MG/L							M	M	M
160210	ARSENIC-DISSOLVED AS AS	J	0.72	UG/L	1	10				Table 1	M	M	M
160210	BARIUM-DISSOLVED AS BA	N	47.5	UG/L	400	2000				Table 1	M	M	M
160210	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M
160210	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M
160210	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M
160210	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M
160210	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M
160210	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M
160210	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M
160210	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	F	M
160210	DIBROMOMETHANE	N		UG/L						Table 1	M	M	M
160210	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000				Table 1	M	M	M
160210	DICHLOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M
160210	DISSOLVED OXYGEN, FIELD BY PROBE		10.2	MG/L						Table 1	M	M	M
160210	ETHYL BENZENE	N		UG/L	140	700				Table 1	M	M	M
160210	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490				Table 1	M	M	M
160210	GROUNDWATER ELEVATION		857.97	FT MSL							M	M	M
160210	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3				Table 2	M	M	M
160210	LEAD-DISSOLVED AS PB	N		UG/L	1.5	15				Table 1	M	M	M
160210	MANGANESE-DISSOLVED AS MN		2.5	UG/L	60	300				Table 1	M	M	M
160210	MANGANESE-DISSOLVED AS MN		2.5	UG/L	25	50				Table 2	M	M	M
160210	M-DICHLOROBENZENE	N		UG/L	120	600				Table 1	M	M	M
160210	MERCURY-DISSOLVED	N		UG/L	0.2	2				Table 1	M	M	M

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176330

Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	WDNR		
										QC I	QC II	QC III
160210	OBS-2C	022										
160210	METHYL ETHYL KETONE (MEK)		N		UG/L	800	4000		Table 1	M	M	10
160210	METHYL TERT-BUTYL ETHER (MTBE)		N		UG/L	12	60		Table 1	M	M	1.0
160210	NAPHTHALENE		N		UG/L	10	100		Table 1	M	M	1.0
160210	NITRITE PLUS NITRATE-DISSOLVED AS N		N	2.2	MGL	2	10	P	Table 1	M	M	0.10
160210	O-DICHLOROBENZENE		N		UG/L	60	600		Table 1	M	M	1.0
160210	OXIDATION REDUCTION POTENTIAL		N	123	MILLIVOLTS	15	75		Table 1	M	M	1.0
160210	P-DICHLOROBENZENE		N		UG/L				Table 1	M	M	1.0
160210	PH-FIELD			7.20	SU							
160210	SAMPLE COLOR		N		NONE							
160210	SAMPLE ODOR		N		NONE							
160210	SAMPLE TEMPERATURE			8.3	DEGREES C							
160210	SPECIFIC CONDUCTANCE-FIELD		N	701	UMHOS/CM							
160210	STYRENE		N	20.9	MGL	125	250		Table 1	M	M	1.0
160210	SULFATE-DISSOLVED AS SO4		N		UG/L	0.5	5		Table 2	M	M	2.0
160210	TETRACHLOROETHYLENE		N		UG/L	10	50		Table 1	M	M	1.0
160210	TETRAHYDROFURAN		N		UG/L	160	800		Table 1	M	M	5.0
160210	TOLUENE		N		UG/L	20	100		Table 1	M	M	1.0
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UG/L	0.04	0.4		Table 1	M	M	1.0
160210	TRANS-1,3-DICHLOROPROPENE		N		UG/L	0.44	4.4		Table 1	M	F	1.0
160210	TRIBROMOMETHANE		N		UG/L	0.5	5		Table 1	M	M	1.0
160210	TRICHLOROETHYLENE		N		UG/L	0.02	0.2		Table 1	M	M	1.0
160210	VINYL CHLORIDE		N		UG/L	0.02	0.2		Table 1	M	M	0.020
160210	VINYL CHLORIDE		N		UG/L	400	2000		Table 1	M	M	2.0
160210	XYLENES-TOTAL		N									
	Sample Point: P17B	WDNR Point ID: 045										
160211	1,1,1-TRICHLOROETHANE		N		UG/L	40	200		Table 1	M	M	1.0
160211	1,1,2,2-TETRACHLOROETHANE		N		UG/L	0.02	0.2		Table 1	M	M	1.0
160211	1,1,2-TRICHLOROETHANE		N		UG/L	0.5	5		Table 1	M	M	1.0
160211	1,1-DICHLOROETHANE		N		UG/L	85	850		Table 1	M	M	1.0
160211	1,1-DICHLOROETHYLENE		N		UG/L	0.7	7		Table 1	M	F	1.0
160211	1,1,2,2-TETRACHLOROETHANE		N		UG/L	14	70		Table 1	M	M	1.0
160211	1,2,4-TRICHLOROBENZENE		N		UG/L	0.02	0.2		Table 1	M	M	1.0
160211	1,2-DIBROMO-3-CHLOROPROPANE		N		UG/L	0.005	0.05		Table 1	M	M	1.0
160211	1,2-DIBROMOETHANE (EDB)		N									

Hagen Farm Landfill

License Number: 02981
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Sample Date	Parameter	WDNR Point ID:	045	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	QC IV	QC V	QC VI	QC VII	QC VIII	WDNR Lab Cert		
160211	1,2-DICHLOROETHANE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	M	1.0	0.21	0.70	998310390
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	M	1.0	0.72	2.4	998310390
160211	2-HEXANONE	N		UG/L							M	M	M	M	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500				Table 1	M	M	M	M	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE	N		UG/L	1800	9000				Table 1	M	M	M	M	M	M	M	10	3.0	10	998310390
160211	ALKALINITY-TOTAL AS CACO3 (FILT)	J	377	MGL						Table 1	M	M	M	M	M	M	M	50.0	20.0	66.7	998310390
160211	ARSENIC-DISSOLVED AS AS	J	0.59	UG/L	1	10				Table 1	M	M	M	M	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA	J	42.8	UG/L	400	2000				Table 1	M	M	M	M	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	M	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	M	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	M	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	M	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	M	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	M	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M	M	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	M	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	M	M	M	M	1.0	0.36	1.2	998310390
160211	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	M	M	M	M	M	1.0	0.32	1.1	998310390
160211	DIBROMOMETHANE	N		UG/L						Table 1	M	M	M	M	M	M	M	1.0	0.41	1.4	998310390
160211	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000				Table 1	M	M	M	M	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	M	1.0	0.44	1.5	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE	N	5.1	MGL						Table 1	M	M	M	M	M	M	M	1.0	0.74	2.5	998310390
160211	ETHYLBENZENE	N		UG/L	140	700				Table 1	M	M	M	M	M	M	M	1.0	0.74	2.5	998310390
160211	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490				Table 1	M	M	M	M	M	M	M	1.0	0.88	2.9	998310390
160211	GROUNDWATER ELEVATION		858.35	FT MSL																	
160211	IRON-DISSOLVED AS FE	N	0.11	MGL	0.15	0.3				Table 2	M	M	M	M	M	M	M	0.030	0.019	0.064	998310390
160211	LEAD-DISSOLVED AS PB	N		UG/L	1.5	15				Table 1	M	M	M	M	M	M	M	1.5	0.17	0.57	998310390
160211	MANGANESE-DISSOLVED AS MN	64.9	UG/L	60	300	P				Table 1	M	M	M	M	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	64.9	UG/L	25	50	P*				Table 2	M	M	M	M	M	M	M	10.0	0.40	1.3	998310390
160211	M-DICHLOROBENZENE	N		UG/L	120	600				Table 1	M	M	M	M	M	M	M	1.0	0.78	2.6	998310390
160211	MERCURY-DISSOLVED	N		UG/L	0.2	2				Table 1	M	M	M	M	M	M	M	0.20	0.12	0.40	998310390
160211	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000				Table 1	M	M	M	M	M	M	M	10	1.3	4.4	998310390

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176330

Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	WDNR		
										QC I	QC II	QC III
Sample Point: P17B												
160211	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60			Table 1	M	M	1.0
160211	NAPHTHALENE	N		UG/L	10	100			Table 1	M	M	1.0
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	N	1.4	MGL	2	10			Table 1	M	M	1.0
160211	O-DICHLOROBENZENE	N		UG/L	60	600			Table 1	M	M	1.0
160211	OXIDATION REDUCTION POTENTIAL			6.0	MILLIVOLTS					M	M	1.0
160211	P-DICHLOROBENZENE	N		UG/L	15	75			Table 1	M	M	1.0
160211	PH-FIELD			SU								
160211	SAMPLE COLOR	N		NONE								
160211	SAMPLE ODOR	N		NONE								
160211	SAMPLE TEMPERATURE			13.7	DEGREES C							
160211	SAMPLE TURBIDITY	N		NONE								
160211	SPECIFIC CONDUCTANCE-FIELD			694	UMMHOS/CM							
160211	STYRENE	N		UG/L	10	100			Table 1	M	M	1.0
160211	SULFATE-DISSOLVED AS SO4	N	14.1	MGL	125	250			Table 2	M	M	2.0
160211	TETRACHLOROETHYLENE	N		UG/L	0.5	5			Table 1	M	M	1.0
160211	TETRAHYDROFURAN	N		UG/L	10	50			Table 1	M	M	5.0
160211	TOLUENE	N		UG/L	160	800			Table 1	M	M	1.0
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100			Table 1	M	M	1.0
160211	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4			Table 1	M	M	1.0
160211	TRIBROMOMETHANE	N		UG/L	0.44	4.4			Table 1	M	M	1.0
160211	TRICHLOROETHYLENE	N		UG/L	0.5	5			Table 1	M	M	1.0
160211	VINYL CHLORIDE	N		UG/L	0.02	0.2			Table 1	M	M	1.0
160211	VINYL CHLORIDE	J	0.0051	UG/L	0.02	0.2			Table 1	M	M	0.020
160211	XYLENES-TOTAL	N		UG/L	400	2000			Table 1	M	M	2.0
Sample Point: P17C												
160211	1,1,1-TRICHLOROETHANE	N		UG/L	40	200			Table 1	M	M	1.0
160211	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2			Table 1	M	M	1.0
160211	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5			Table 1	M	M	1.0
160211	1,1-DICHLOROETHANE	N		UG/L	85	850			Table 1	M	M	1.0
160211	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7			Table 1	M	F	1.0
160211	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70			Table 1	M	M	1.0
160211	1,2,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2			Table 1	M	M	1.0
160211	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.005	0.05			Table 1	M	M	1.0
160211	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.5	5			Table 1	M	M	1.0
160211	1,2-DICHLOROETHANE	N										

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Sample Point: P17C	WDNR Point ID: 050	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC	QC	QC	RL	LOD	LOQ	Lab Cert	
											I	II	III					
160211	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.72	2.4	998310390	
160211	2-HEXANONE	N		UG/L						Table 1	M	M	M	5.0	1.2	4.1	998310390	
160211	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500				Table 1	M	M	M	5.0	2.1	7.0	998310390	
160211	ACETONE	N		UG/L	1800	9000				Table 1	M	M	M	10	3.0	10	998310390	
160211	ALKALINITY-TOTAL AS CACO3 (FILT)	444		MGL						Table 1	M	M	M	60.0	24.0	80.0	998310390	
160211	ARSENIC-DISSOLVED AS AS	1.8		UG/L	1	10	P			Table 1	M	M	M	1.0	0.27	0.90	998310390	
160211	BARIUM-DISSOLVED AS BA	24.4		UG/L	400	2000				Table 1	M	M	M	5.0	0.70	2.3	998310390	
160211	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.41	1.4	998310390	
160211	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.39	1.3	998310390	
160211	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	1.0	0.69	2.3	998310390	
160211	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.19	0.63	998310390	
160211	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.27	0.90	998310390	
160211	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	1.0	0.75	2.5	998310390	
160211	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	1.0	0.32	1.1	998310390	
160211	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	1.0	0.34	1.1	998310390	
160211	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M	1.0	0.35	1.2	998310390	
160211	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	1.0	0.81	2.7	998310390	
160211	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.36	1.2	998310390	
160211	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	M	1.0	0.32	1.1	998310390	
160211	DIBROMOMETHANE	N		UG/L						Table 1	M	M	M	1.0	0.41	1.4	998310390	
160211	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.68	2.3	998310390	
160211	DICHLOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.44	1.5	998310390	
160211	DISSOLVED OXYGEN, FIELD BY PROBE	N	1.6	MGL						Table 1	M	M	M	1.0	0.74	2.5	998310390	
160211	ETHYLBENZENE	N		UG/L	140	700				Table 1	M	M	M	1.0	0.88	2.9	998310390	
160211	FLUOROTRICHLOROMETHANE	N		FT MSL	698	3490				Table 1	M	M	M	1.0	0.030	0.019	0.064	
160211	GROUNDWATER ELEVATION				2.8		MGL	0.15	0.3	P*		Table 2	M	M	1.5	0.17	0.57	998310390
160211	IRON-DISSOLVED AS FE	N		UG/L	1.5	15				Table 1	M	M	M	10.0	0.40	1.3	998310390	
160211	LEAD-DISSOLVED AS PB			UG/L	60	300	P			Table 1	M	M	M	10.0	0.40	1.3	998310390	
160211	MANGANESE-DISSOLVED AS MN	267		UG/L	25	50	P*			Table 2	M	M	M	10.0	0.40	1.3	998310390	
160211	MANGANESE-DISSOLVED AS MN	267		UG/L	120	600				Table 1	M	M	M	1.0	0.78	2.6	998310390	
160211	M-DICHLOROBENZENE	N		UG/L	0.2	2				Table 1	M	M	M	0.20	0.12	0.40	998310390	
160211	MERCURY-DISSOLVED	N		UG/L	800	4000				Table 1	M	M	M	10	1.3	4.4	998310390	
160211	METHYL ETHYL KETONE (MEK)	N		UG/L	12	60				Table 1	M	M	M	1.0	0.16	0.53	998310390	
160211	METHYL TERT-BUTYL ETHER (MTBE)	N																

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	Type of Standard	QC I	QC II	QC III	QC IV	QC V	WDNR	
									Table 1	Table 1	Table 1	Table 1	Table 1	Table 1	Table 1	Table 1	
160211	NAPHTHALENE	050	N	0.41	UG/L	10	100		M	M	M	M	M	M	M	1.4	998310390
160211	NITRITE PLUS NITRATE-DISSOLVED AS N		N		MG/L	2	10		M	M	M	M	M	M	M	0.067	998310390
160211	O-DICHLOROBENZENE		N		UG/L	60	600		M	M	M	M	M	M	M	2.6	998310390
160211	OXIDATION REDUCTION POTENTIAL			-29.0	MILLIVOLTS				M	M	M	M	M	M	M	2.6	998310390
160211	P-DICHLOROBENZENE		N		UG/L	15	75		M	M	M	M	M	M	M	2.8	998310390
160211	PH-FIELD			7.32	SU				M	M	M	M	M	M	M		
160211	SAMPLE COLOR		N		NONE				M	M	M	M	M	M	M		
160211	SAMPLE ODOR			0	NONE				M	M	M	M	M	M	M		
160211	SAMPLE TEMPERATURE			11.3	DEGREES C				M	M	M	M	M	M	M		
160211	SAMPLE TURBIDITY		N		NONE				M	M	M	M	M	M	M		
160211	SPECIFIC CONDUCTANCE-FIELD			765	UMHOS/CM				M	M	M	M	M	M	M		
160211	STYRENE		N		UG/L	10	100		M	M	M	M	M	M	M		
160211	SULFATE-DISSOLVED AS SO4			7.7	MG/L	125	250		M	M	M	M	M	M	M		
160211	TETRACHLOROETHYLENE		N		UG/L	0.5	5		M	M	M	M	M	M	M		
160211	TETRAHYDROFURAN				UG/L	10	50		M	M	M	M	M	M	M		
160211	TOLUENE		N		UG/L	160	800		M	M	M	M	M	M	M		
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UG/L	20	100		M	M	M	M	M	M	M		
160211	TRANS-1,3-DICHLOROPROPENE		N		UG/L	0.04	0.4		M	M	M	M	M	M	M		
160211	TRIBROMOMETHANE		N		UG/L	0.44	4.4		M	M	M	M	M	M	M		
160211	TRICHLOROETHYLENE		N		UG/L	0.5	5		M	M	M	M	M	M	M		
160211	VINYL CHLORIDE		N		UG/L	0.02	0.2		M	M	M	M	M	M	M		
160211	VINYL CHLORIDE			0.65	UG/L	0.02	0.2	p*	M	M	M	M	M	M	M		
160211	XYLENES-TOTAL		N		UG/L	400	2000		M	M	M	M	M	M	M		
Sample Point: P17DR		WDNR Point ID: 055							M	M	M	M	M	M	M		
160211	1,1,1-TRICHLOROETHANE		N		UG/L	40	200		M	M	M	M	M	M	M		
160211	1,1,2,2-TETRACHLOROETHANE		N		UG/L	0.02	0.2		M	M	M	M	M	M	M		
160211	1,1,2-TRICHLOROETHANE		N		UG/L	0.5	5		M	M	M	M	M	M	M		
160211	1,1-DICHLOROETHANE		N		UG/L	85	850		M	M	M	M	M	M	M		
160211	1,1-DICHLOROETHYLENE		N		UG/L	0.7	7		M	M	F	M	M	M	M		
160211	1,2,4-TRICHLOROBENZENE		N		UG/L	14	70		M	M	M	M	M	M	M		
160211	1,2-DIBROMO-3-CHLOROPROPANE		N		UG/L	0.02	0.2		M	M	M	M	M	M	M		
160211	1,2-DIBROMOETHANE (EDB)		N		UG/L	0.005	0.05		M	M	M	M	M	M	M		
160211	1,2-DICHLOROETHANE		N		UG/L	0.5	5		M	M	M	M	M	M	M		
160211	1,2-DICHLOROPROPANE		N		UG/L	0.5	5		M	M	M	M	M	M	M		

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	P17DR	WDNR Point ID:	055	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC	QC	QC	QC	QC	WDNR			
												I	II	III	IV	V	VI	LOQ	Lab Cert	
160211	2-HEXANONE		N		UG/L	50	500				M	M	M	M	M	M	5.0	1.2	4.1	998310390
160211	4-METHYL-2-PENTANONE (MIBK)		N		UG/L	1800	9000				Table 1	M	M	M	M	M	5.0	2.1	7.0	998310390
160211	ACETONE		N		MG/L						Table 1	M	M	M	M	M	10	3.0	10	998310390
160211	ALKALINITY-TOTAL AS CACO3 (FILT)		N	281	UG/L	1	10				Table 1	M	M	M	M	M	40.0	16.0	53.3	998310390
160211	ARSENIC-DISSOLVED AS AS	J	0.44	UG/L							Table 1	M	M	M	M	M	1.0	0.27	0.90	998310390
160211	BARIUM-DISSOLVED AS BA		22.2	UG/L		400	2000				Table 1	M	M	M	M	M	5.0	0.70	2.3	998310390
160211	BENZENE	N			UG/L	0.5	5				Table 1	M	M	M	M	M	1.0	0.41	1.4	998310390
160211	BROMODICHLOROMETHANE	N			UG/L	0.06	0.6				Table 1	M	M	M	M	M	1.0	0.39	1.3	998310390
160211	BROMOMETHANE	N			UG/L	1	10				Table 1	M	M	M	M	M	1.0	0.69	2.3	998310390
160211	CARBON DISULFIDE	N			UG/L	200	1000				Table 1	M	M	M	M	M	1.0	0.19	0.63	998310390
160211	CARBON TETRACHLORIDE	N			UG/L	0.5	5				Table 1	M	M	M	M	M	1.0	0.27	0.90	998310390
160211	CHLOROBENZENE	N			UG/L	20	100				Table 1	M	M	M	M	M	1.0	0.75	2.5	998310390
160211	CHLOROETHANE	N			UG/L	80	400				Table 1	M	M	M	M	M	1.0	0.32	1.1	998310390
160211	CHLOROFORM	N			UG/L	0.6	6				Table 1	M	M	M	M	M	1.0	0.34	1.1	998310390
160211	CHLOROMETHANE	N			UG/L	3	30				Table 1	M	M	M	M	M	1.0	0.35	1.2	998310390
160211	CIS-1,2-DICHLOROETHENE	N			UG/L	7	70				Table 1	M	M	M	M	M	1.0	0.81	2.7	998310390
160211	CIS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4				Table 1	M	M	M	M	M	1.0	0.36	1.2	998310390
160211	DIBROMOCHLOROMETHANE	N			UG/L	6	60				Table 1	M	M	M	M	M	1.0	0.32	1.1	998310390
160211	DIBROMOMETHANE	N			UG/L						Table 1	M	M	M	M	M	1.0	0.41	1.4	998310390
160211	DICHLORODIFLUOROMETHANE	N			UG/L	200	1000				Table 1	M	M	M	M	M	1.0	0.68	2.3	998310390
160211	DICHLOROMETHANE	N			UG/L	0.5	5				Table 1	M	M	M	M	M	1.0	0.44	1.5	998310390
160211	DISSOLVED OXYGEN, FIELD BY PROBE		12.7	MG/L							Table 1	M	M	M	M	M	1.0	0.74	2.5	998310390
160211	ETHYL BENZENE	N			UG/L	140	700				Table 1	M	M	M	M	M	1.0	0.88	2.9	998310390
160211	FLUOROTRICHLOROMETHANE	N			UG/L	698	3490				Table 1	M	M	M	M	M	1.0	0.88	2.9	998310390
160211	GROUNDWATER ELEVATION		858.15	FT MSL							Table 2	M	M	M	M	M	0.030	0.019	0.064	998310390
160211	IRON-DISSOLVED AS FE	N			MG/L	0.15	0.3				Table 1	M	M	M	M	M	1.5	0.17	0.57	998310390
160211	LEAD-DISSOLVED AS PB	N			UG/L	1.5	15				Table 1	M	M	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	J	0.65	UG/L		60	300				Table 2	M	M	M	M	M	10.0	0.40	1.3	998310390
160211	MANGANESE-DISSOLVED AS MN	J	0.65	UG/L		25	50				Table 1	M	M	M	M	M	1.0	0.78	2.6	998310390
160211	M-DICHLOROBENZENE	N			UG/L	120	600				Table 1	M	M	M	M	M	0.20	0.12	0.40	998310390
160211	MERCURY-DISSOLVED	N			UG/L	0.2	2				Table 1	M	M	M	M	M	10	1.3	4.4	998310390
160211	METHYL ETHYL KETONE (MEK)	N			UG/L	800	4000				Table 1	M	M	M	M	M	1.0	0.16	0.53	998310390
160211	METHYL TERT-BUTYL ETHER (MTBE)	N			UG/L	12	60				Table 1	M	M	M	M	M	10	0.43	1.4	998310390
160211	NAPHTHALENE	N			UG/L	10	100				Table 1	M	M	M	M	M	1.0	0.43	1.4	998310390

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC 1	QC 2	QC 3	QC 4	QC 5	WDNR Lab Cert
									Table 1	M	M	M	M	M	Table 1
160211	NITRITE PLUS NITRATE-DISSOLVED AS N	055		2.6	MG/L	2	10	P	Table 1	M	M	0.050	0.020	0.067	998310390
160211	O-DICHLOROBENZENE		N	85.0	MILLIVOLTS	UG/L	60	600	Table 1	M	M	1.0	0.79	2.6	998310390
160211	OXIDATION REDUCTION POTENTIAL		N	15	MILLIVOLTS	UG/L	15	75	Table 1	M	M	1.0	0.84	2.8	998310390
160211	P-DICHLOROBENZENE		N	7.66	SU										
160211	PH-FIELD		N												
160211	SAMPLE COLOR		N												
160211	SAMPLE ODOR		N												
160211	SAMPLE TEMPERATURE		N	9.6	DEGREES C										
160211	SAMPLE TURBIDITY		N		NONE										
160211	SPECIFIC CONDUCTANCE-FIELD		N	564	UMHOS/CM										
160211	STYRENE		N	8.8	MG/L	125	250		Table 1	M	M	2.0	0.35	1.2	998310390
160211	SULFATE-DISSOLVED AS SO4		N		UG/L	0.5	5		Table 2	M	M	1.0	0.36	1.2	998310390
160211	TETRACHLOROETHYLENE		N		UG/L	10	50		Table 1	M	M	5.0	1.3	4.2	998310390
160211	TETRAHYDROFURAN		N		UG/L	160	800		Table 1	M	M	1.0	0.51	1.7	998310390
160211	TOLUENE		N		UG/L	20	100		Table 1	M	M	1.0	0.90	3.0	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UG/L	0.04	0.4		Table 1	M	M	1.0	0.37	1.2	998310390
160211	TRANS-1,3-DICHLOROPROPENE		N		UG/L	0.44	4.4		Table 1	M	M	1.0	0.26	0.87	998310390
160211	TRIBROMOMETHANE		N		UG/L	0.5	5		Table 1	M	M	1.0	0.46	1.5	998310390
160211	TRICHLOROETHYLENE		N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.90	3.0	998310390
160211	VINYL CHLORIDE		N		UG/L	0.02	0.2		Table 1	M	M	0.020	0.004	0.013	998310390
160211	VINYL CHLORIDE		N		UG/L	400	2000		Table 1	M	M	2.0	0.66	2.2	998310390
160211	XYLENES-TOTAL		N		UG/L										
Sample Point: P22B		WDNR Point ID:	065												
160210	1,1,1-TRICHLOROETHANE		N		UG/L	40	200		Table 1	M	M	1.0	0.82	2.7	998310390
160210	1,1,2,2-TETRACHLOROETHANE		N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.21	0.70	998310390
160210	1,1,2,2-TETRACHLOROETHANE		N		UG/L	0.5	5		Table 1	M	M	1.0	0.23	0.77	998310390
160210	1,1-DICHLOROETHANE		N		UG/L	85	850		Table 1	M	M	1.0	0.38	1.3	998310390
160210	1,1-DICHLOROETHYLENE		N		UG/L	0.7	7		Table 1	M	M	1.0	0.29	0.97	998310390
160210	1,2,4-TRICHLOROBENZENE		N		UG/L	14	70		Table 1	M	M	1.0	0.41	1.4	998310390
160210	1,2,4-TRICHLOROBENZENE		N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.39	1.3	998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE		N		UG/L	0.005	0.05		Table 1	M	M	1.0	0.73	2.4	998310390
160210	1,2-DIBROMOETHANE (EDB)		N		UG/L	0.5	5		Table 1	M	M	1.0	0.21	0.70	998310390
160210	1,2-DICHLOROETHANE		N		UG/L	0.5	5		Table 1	M	M	1.0	0.72	2.4	998310390
160210	1,2-DICHLOROPROPANE		N		UG/L	0.5	5		Table 1	M	M	5.0	1.2	4.1	998310390
160210	2-HEXANONE		N		UG/L										

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR			
										I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: P22B WDNR Point ID: 065																
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500			Table 1	M	M	M	5.0	2.1	7.0	998310390
160210	ACETONE	N		UG/L	1800	9000			Table 1	M	M	M	10	3.0	10	998310390
160210	ALKALINITY-TOTAL AS CACO3 (FILT)	384		MG/L	1	10	P*		Table 1	M	M	M	40.0	16.0	53.3	998310390
160210	ARSENIC-DISSOLVED AS AS	37.5		UG/L	400	2000			Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	BARIUM-DISSOLVED AS BA	40.0		UG/L	0.5	5			Table 1	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N		UG/L	0.06	0.6			Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N		UG/L	1	10			Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N		UG/L	1	10			Table 1	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N		UG/L	200	1000			Table 1	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N		UG/L	20	100			Table 1	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N		UG/L	80	400			Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N		UG/L	0.6	6			Table 1	M	M	M	1.0	0.34	1.1	998310390
160210	CHLOROMETHANE	N		UG/L	3	30			Table 1	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70			Table 1	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4			Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60			Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N		UG/L					Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000			Table 1	M	M	M	1.0	0.68	2.3	998310390
160210	DICHLOROMETHANE	N		UG/L	0.5	5			Table 1	M	M	M	1.0	0.44	1.5	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE	N	1.5	MG/L					Table 1	M	M	M	1.0	0.74	2.5	998310390
160210	ETHYL BENZENE	N		UG/L	140	700			Table 1	M	M	M	1.0	0.88	2.9	998310390
160210	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490			Table 1	M	M	M	1.0			
160210	GROUNDWATER ELEVATION	N	859.32	FT MSL					Table 2	M	M	M	0.030	0.019	0.064	998310390
160210	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3	P*		Table 1	M	M	M	1.5	0.17	0.57	998310390
160210	LEAD-DISSOLVED AS PB			UG/L	1.5	15			Table 1	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN	106		UG/L	60	300	P		Table 1	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN	106		UG/L	25	50	P*		Table 2	M	M	M	10.0	0.40	1.3	998310390
160210	M-DICHLOROBENZENE	N		UG/L	120	600			Table 1	M	M	M	1.0	0.78	2.6	998310390
160210	MERCURY-DISSOLVED	N		UG/L	0.2	2			Table 1	M	M	M	0.20	0.12	0.40	998310390
160210	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000			Table 1	M	M	M	10	1.3	4.4	998310390
160210	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60			Table 1	M	M	M	1.0	0.16	0.53	998310390
160210	NAPHTHALENE	N		UG/L	10	100			Table 1	M	M	M	1.0	0.43	1.4	998310390
160210	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MGL	2	10			Table 1	M	M	M	0.050	0.020	0.067	998310390

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	Type of Standard	QC I	QC II	QC III	QC IV	QC V	WDNR Lab Cert
									Table 1	M	M	M	M	M	M	Table 1
160210	O-DICHLOROBENZENE	P22B	N	-57.0	MILLIVOLTS	UG/L	60	600								998310390
160210	OXIDATION REDUCTION POTENTIAL		N	6.72	SU											
160210	P-DICHLOROBENZENE		N	0	NONE											
160210	PH-FIELD		N	12.3	DEGREES C											
160210	SAMPLE COLOR		N	NONE												
160210	SAMPLE ODOR															
160210	SAMPLE TEMPERATURE															
160210	SAMPLE TURBIDITY		N	757	UMHOS/CM											
160210	SPECIFIC CONDUCTANCE-FIELD		N	35.7	MGL	UG/L	10	100								
160210	STYRENE		N	0.5	5	UG/L	125	250								
160210	SULFATE-DISSOLVED AS SO4		N	0.04	0.4	UG/L	10	50								
160210	TETRACHLOROETHYLENE		N	0.44	4.4	UG/L	160	800								
160210	TETRAHYDROFURAN		N	0.5	5	UG/L	20	100								
160210	TOLUENE		N	0.02	0.2	UG/L	0.02	0.2								
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)		N	0.02	0.2	UG/L	0.02	0.2								
160210	TRANS-1,3-DICHLOROPROPENE		N	0.02	0.2	UG/L	0.02	0.2								
160210	TRIBROMOMETHANE		N	0.02	0.2	UG/L	0.02	0.2								
160210	TRICHLOROETHYLENE		N	0.02	0.2	UG/L	0.02	0.2								
160210	VINYL CHLORIDE		N	0.02	0.2	UG/L	0.02	0.2								
160210	VINYL CHLORIDE		N	0.02	0.2	UG/L	0.02	0.2								
160210	XYLENES-TOTAL		N	0.02	0.2	UG/L	0.02	0.2								
Sample Point: P26B		WDNR Point ID:	085													
160211	1,1,1-TRICHLOROETHANE		N	0.02	0.2	UG/L	40	200								
160211	1,1,2,2-TETRACHLOROETHANE		N	0.5	5	UG/L	85	850								
160211	1,1,2-TRICHLOROETHANE		N	0.7	7	UG/L	14	70								
160211	1,1-DICHLOROETHANE		N	0.005	0.05	UG/L	0.02	0.2								
160211	1,1-DICHLOROETHYLENE		N	0.5	5	UG/L	0.5	5								
160211	1,2,4-TRICHLOROBENZENE		N	0.5	5	UG/L	0.02	0.2								
160211	1,2-DIBROMO-3-CHLOROPROPANE		N	0.005	0.05	UG/L	0.005	0.05								
160211	1,2-DIBROMOETHANE (EDB)		N	0.5	5	UG/L	0.5	5								
160211	1,2-DICHLOROETHANE		N	0.5	5	UG/L	0.5	5								
160211	1,2-DICHLOROPROPANE		N	0.5	5	UG/L	0.5	5								
160211	2-HEXANONE		N	50	500	UG/L	50	500								
160211	4-METHYL-2-PENTANONE (MIBK)		N													

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Sample Date	Parameter	Sample Point: P26B	WDNR Point ID: 085	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	WDNR RL	LOQ	Lab Cert
											QC	QC	QC			
160211	ACETONE	N	UG/L	1800	9000					Table 1	M	M	M	10	3.0	10
160211	ALKALINITY-TOTAL AS CACO3 (FILT)	J	432	MG/L	1	10				Table 1	M	M	M	50.0	20.0	66.7
160211	ARSENIC-DISSOLVED AS AS		UG/L	400	2000					Table 1	M	M	M	1.0	0.27	0.90
160211	BARIUM-DISSOLVED AS BA	N	79.3	UG/L	0.5	5				Table 1	M	M	M	5.0	0.70	2.3
160211	BENZENE		UG/L	0.06	0.6					Table 1	M	M	M	1.0	0.41	1.4
160211	BROMODICHLOROMETHANE	N	UG/L	1	10					Table 1	M	M	M	1.0	0.39	1.3
160211	BROMOMETHANE	N	UG/L	200	1000					Table 1	M	M	M	1.0	0.69	2.3
160211	CARBON DISULFIDE	N	UG/L	0.5	5					Table 1	M	M	M	1.0	0.19	0.63
160211	CARBON TETRACHLORIDE	N	UG/L	20	100					Table 1	M	M	M	1.0	0.27	0.90
160211	CHLOROBENZENE	N	UG/L	80	400					Table 1	M	M	M	1.0	0.75	2.5
160211	CHLOROETHANE	N	UG/L	0.6	6					Table 1	M	M	M	1.0	0.32	1.1
160211	CHLOROFORM	N	UG/L	3	30					Table 1	M	M	M	1.0	0.34	1.1
160211	CHLOROMETHANE	N	UG/L	7	70					Table 1	M	M	M	1.0	0.35	1.2
160211	CIS-1,2-DICHLOROETHENE	N	UG/L	0.04	0.4					Table 1	M	M	M	1.0	0.81	2.7
160211	CIS-1,3-DICHLOROPROPENE	N	UG/L	6	60					Table 1	M	M	M	1.0	0.36	1.2
160211	DIBROMOCHLOROMETHANE	N	UG/L	200	1000					Table 1	M	M	M	1.0	0.32	1.1
160211	DIBROMOMETHANE	N	UG/L	0.5	5					Table 1	M	M	M	1.0	0.41	1.4
160211	DICHLORODIFLUOROMETHANE	N	UG/L	140	700					Table 1	M	M	M	1.0	0.68	2.3
160211	DICHLOROMETHANE	N	FT MSL	698	3490					Table 1	M	M	M	1.0	0.44	1.5
160211	DISSOLVED OXYGEN, FIELD BY PROBE	N		7.0						Table 1	M	M	M	1.0	0.44	1.5
160211	ETHYL BENZENE	N	UG/L	859.97						Table 1	M	M	M	1.0	0.74	2.5
160211	FLUOROTRICHLOROMETHANE	N	UG/L	0.027	0.3					Table 1	M	M	M	0.030	0.019	0.064
160211	GROUNDWATER ELEVATION	J	UG/L	1.5	15					Table 2	M	M	M	1.5	0.17	0.57
160211	IRON-DISSOLVED AS FE	N	UG/L	60	300	P				Table 1	M	M	M	10.0	0.40	1.3
160211	LEAD-DISSOLVED AS PB		UG/L	25	50	P*				Table 2	M	M	M	10.0	0.40	1.3
160211	MANGANESE-DISSOLVED AS MN	68.1	UG/L	120	600					Table 1	M	M	M	1.0	0.78	2.6
160211	MANGANESE-DISSOLVED AS MN	68.1	UG/L	0.2	2					Table 1	M	M	M	0.20	0.12	0.40
160211	M-DICHLOROBENZENE	N	UG/L	800	4000					Table 1	M	M	M	10	1.3	4.4
160211	MERCURY-DISSOLVED	N	UG/L	10	100					Table 1	M	M	M	1.0	0.43	1.4
160211	METHYL ETHYL KETONE (MEK)	N	MG/L	2	10					Table 1	M	M	M	0.050	0.020	0.067
160211	METHYL TERT-BUTYL ETHER (MTBE)	N	UG/L	60	600					Table 1	M	M	M	1.0	0.79	2.6
160211	NAPHTHALENE	N		0.20						Table 1	M	M	M	0.050	0.020	0.067
160211	NITRITE PLUS NITRATE-DISSOLVED AS N									Table 1	M	M	M	0.050	0.020	0.067
160211	O-DICHLOROBENZENE	N								Table 1	M	M	M	0.050	0.020	0.067

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License Number: 02981
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Sample Date	Parameter	WDNR Point ID:	Qualifer	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	WDNR RL	LOQ	Lab Cert	
160211	OXIDATION REDUCTION POTENTIAL	085		104.0	MILLIVOLTS	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160211	P-DICHLOROBENZENE		N	7.62	SU											
160211	PH-FIELD				NONE											
160211	SAMPLE COLOR		N		NONE											
160211	SAMPLE ODOR		N													
160211	SAMPLE TEMPERATURE			12.5	DEGREES C											
160211	SAMPLE TURBIDITY		N		NONE											
160211	SPECIFIC CONDUCTANCE-FIELD		N	767	UMMHOS/CM											
160211	STYRENE			UGL	10	100			Table 1	M	M	M	1.0	0.73	2.4	998310390
160211	SULFATE-DISSOLVED AS SO4		N	26.6	MGL	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160211	TETRACHLOROETHYLENE		N		UGL	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160211	TETRAHYDROFURAN		N		UGL	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160211	TOLUENE		N		UGL	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160211	TRANS-1,2-DICHLOROETHENE (TOTAL)		N		UGL	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	TRANS-1,3-DICHLOROPROPENE		N		UGL	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160211	TRIBROMOMETHANE		N		UGL	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160211	TRICHLOROETHYLENE		N		UGL	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160211	VINYL CHLORIDE		N		UGL	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160211	VINYL CHLORIDE		N	0.18	UGL	0.02	0.2	P	Table 1	M	M	M	0.020	0.004	0.013	998310390
160211	XYLENES-TOTAL		N		UGL	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point:	P26B	WDNR Point ID:	100													
160210	1,1,1-TRICHLOROETHANE		N		UGL	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160210	1,1,2,2-TETRACHLOROETHANE		N		UGL	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,1,2-TRICHLOROETHANE		N		UGL	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160210	1,1,2-TRICHLOROETHANE		N		UGL	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160210	1,1-DICHLOROETHYLENE		N		UGL	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160210	1,1-DICHLOROETHYLENE		N		UGL	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	1,2,4-TRICHLOROBENZENE		N		UGL	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	1,2-DIBROMO-3-CHLOROPROPANE		N		UGL	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160210	1,2-DIBROMOETHANE (EDB)		N		UGL	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160210	1,2-DICHLOROETHANE		N		UGL	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160210	1,2-DICHLOROPROPANE		N		UGL	50	500		Table 1	M	M	M	5.0	1.2	4.1	998310390
160210	2-HEXANONE		N		UGL	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160210	4-METHYL-2-PENTANONE (MBK)		N													
160210	ACETONE		N													

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Sample Date	Parameter	WDNR Point ID:	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC QC QC			WDNR			
											I	II	III	RL	LOD	LOQ	Lab Cert
160210	ALKALINITY-TOTAL AS CACO ₃ (FILT)		203	Mg/L						M	M	M	M	30.0	12.0	40.0	998310390
160210	ARSENIC-DISSOLVED AS AS		11.8	UG/L	1	10	E			Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	BARIUM-DISSOLVED AS BA		87.7	UG/L	400	2000				Table 1	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	1.0	0.34	1.1	998310390
160210	CHLOROMETHANE	N		UG/L	3	30				Table 1	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	F	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N		UG/L	200	1000				Table 1	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M	1.0	0.68	2.3	998310390
160210	DICHLOROMETHANE	N		Mg/L						Table 1	M	M	M	1.0	0.44	1.5	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE		2.2	UG/L	140	700				Table 1	M	M	M	1.0	0.74	2.5	998310390
160210	ETHYL BENZENE	N		UG/L	698	3490				Table 1	M	M	M	1.0	0.88	2.9	998310390
160210	FLUOROTRICHLOROMETHANE	N		FT MSL	858.25												
160210	GROUNDWATER ELEVATION			Mg/L	0.15	0.3	E			Table 2	M	M	M	0.030	0.019	0.064	998310390
160210	IRON-DISSOLVED AS FE	J	0.18	UG/L	1.5	15				Table 1	M	M	M	1.5	0.17	0.57	998310390
160210	LEAD-DISSOLVED AS PB			UG/L	60	300	P			Table 1	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN			UG/L	25	50	E			Table 2	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN			UG/L	120	600				Table 1	M	M	M	1.0	0.78	2.6	998310390
160210	M-DICHLOROBENZENE	N		UG/L	0.2	2				Table 1	M	M	M	0.20	0.12	0.40	998310390
160210	MERCURY-DISSOLVED	N		UG/L	800	4000				Table 1	M	M	M	10	1.3	4.4	998310390
160210	METHYL ETHYL KETONE (MEK)	N		UG/L	12	60				Table 1	M	M	M	1.0	0.16	0.53	998310390
160210	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	10	100				Table 1	M	M	M	1.0	0.43	1.4	998310390
160210	NAPHTHALENE	N		Mg/L	2	10				Table 1	M	M	M	0.050	0.020	0.067	998310390
160210	NITRITE PLUS NITRATE-DISSOLVED AS N		0.12	UG/L	60	600				Table 1	M	M	M	1.0	0.79	2.6	998310390
160210	O-DICHLOROBENZENE	N															
160210	OXIDATION REDUCTION POTENTIAL		-28.0	MILLIVOLTS													

Hagen Farm Landfill

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	WDNR			
									QC I	QC II	QC III	QC RL
Sample Point: P27B WDNR Point ID: 100												
160210	P-DICHLOROBENZENE	N	6.73	UG/L	15	75		Table 1	M	M	1.0	0.84
160210	PH-FIELD		SU									2.8
160210	SAMPLE COLOR	N										998310390
160210	SAMPLE ODOR	N										
160210	SAMPLE TURBIDITY	N										
160210	SPECIFIC CONDUCTANCE-FIELD	N	845	UMHOS/cm	10	100		Table 1	M	M	1.0	0.73
160210	STYRENE	N	15.6	MG/L	125	250		Table 2	M	M	2.0	0.35
160210	SULFATE-DISSOLVED AS SO4	N		UG/L	0.5	5		Table 1	M	M	1.0	0.36
160210	TETRACHLOROETHYLENE	N		UG/L	10	50		Table 1	M	M	5.0	1.3
160210	TETRAHYDROFURAN	N		UG/L	160	800		Table 1	M	M	1.0	0.51
160210	TOLUENE	N		UG/L	20	100		Table 1	M	M	1.0	0.90
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	0.04	0.4		Table 1	M	M	1.0	0.37
160210	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.44	4.4		Table 1	M	F	1.0	0.26
160210	TRIBROMOMETHANE	N		UG/L	0.5	5		Table 1	M	M	1.0	0.46
160210	TRICHLOROETHYLENE	N		UG/L	0.02	0.2		Table 1	M	M	0.020	0.004
160210	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.90
160210	VINYL CHLORIDE	N		UG/L	400	2000		Table 1	M	M	2.0	0.66
160210	XYLENES-TOTAL	N		UG/L								
Sample Point: P28B WDNR Point ID: 105												
160210	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	1.0	0.82
160210	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.21
160210	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	1.0	0.23
160210	1,1,2-TRICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	1.0	0.38
160210	1,1-DICHLOROETHANE	N		UG/L	0.7	7		Table 1	M	M	1.0	0.29
160210	1,1-DICHLOROETHYLENE	N		UG/L	14	70		Table 1	M	M	1.0	0.41
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	0.02	0.2		Table 1	M	M	1.0	0.39
160210	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.005	0.05		Table 1	M	M	5.0	2.4
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.5	5		Table 1	M	M	5.0	2.1
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	10	3.0
160210	1,2-DICHLOROPROPANE	N		UG/L	1800	9000		Table 1	M	M	40.0	16.0
160210	2-HEXANONE	N		MGL	1	10		Table 1	M	M	1.0	0.27
160210	4-METHYL-2-PENTANONE (MIBK)	N		UG/L								
160210	ACETONE	N		MGL								
160210	ALKALINITY-TOTAL AS CACO3 (FILT)		355									
160210	ARSENIC-DISSOLVED AS AS	J	0.62	UG/L								

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Sample Date	Parameter	WDNR Point ID:	WDNR Point ID:	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC	QC	QC	QC	QC	WDNR				
											I	II	III	IV	V	VI	LOQ	Lab Cert		
160210	BARIUM-DISSOLVED AS BA	N	88.4	UG/L	400	2000				Table 1	M	M	M	M	M	M	5.0	0.70	2.3	998310390
160210	BENZENE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	1.0	0.41	1.4	998310390
160210	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				Table 1	M	M	M	M	M	M	1.0	0.39	1.3	998310390
160210	BROMOMETHANE	N		UG/L	1	10				Table 1	M	M	M	M	M	M	1.0	0.69	2.3	998310390
160210	CARBON DISULFIDE	N		UG/L	200	1000				Table 1	M	M	M	M	M	M	1.0	0.19	0.63	998310390
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	1.0	0.27	0.90	998310390
160210	CHLOROBENZENE	N		UG/L	20	100				Table 1	M	M	M	M	M	M	1.0	0.75	2.5	998310390
160210	CHLOROETHANE	N		UG/L	80	400				Table 1	M	M	M	M	M	M	1.0	0.32	1.1	998310390
160210	CHLOROFORM	N		UG/L	0.6	6				Table 1	M	M	M	M	M	M	1.0	0.34	1.1	998310390
160210	CHLORMETHANE	N		UG/L	3	30				Table 1	M	M	M	M	M	M	1.0	0.35	1.2	998310390
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				Table 1	M	M	M	M	M	M	1.0	0.81	2.7	998310390
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				Table 1	M	M	M	M	M	M	1.0	0.36	1.2	998310390
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60				Table 1	M	M	M	M	M	M	1.0	0.32	1.1	998310390
160210	DIBROMOMETHANE	N		UG/L						Table 1	M	M	M	M	M	M	1.0	0.41	1.4	998310390
160210	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000				Table 1	M	M	M	M	M	M	1.0	0.68	2.3	998310390
160210	DICHLOROMETHANE	N		UG/L	0.5	5				Table 1	M	M	M	M	M	M	1.0	0.44	1.5	998310390
160210	DISSOLVED OXYGEN, FIELD BY PROBE	N	2.7	MGL						Table 1	M	M	M	M	M	M				
160210	ETHYLBENZENE	N		UG/L	140	700				Table 1	M	M	M	M	M	M	1.0	0.74	2.5	998310390
160210	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490				Table 1	M	M	M	M	M	M	1.0	0.88	2.9	998310390
160210	GROUNDWATER ELEVATION	N	857.75	FT MSL						Table 2	M	M	M	M	M	M	0.030	0.019	0.064	998310390
160210	IRON-DISSOLVED AS FE	N		MGL	0.15	0.3				Table 1	M	M	M	M	M	M	1.5	0.17	0.57	998310390
160210	LEAD-DISSOLVED AS PB	N		UG/L	1.5	15				Table 1	M	M	M	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN	245	UG/L	60	300	P				Table 2	M	M	M	M	M	M	10.0	0.40	1.3	998310390
160210	MANGANESE-DISSOLVED AS MN	245	UG/L	25	50	E				Table 1	M	M	M	M	M	M	1.0	0.78	2.6	998310390
160210	M-DICHLOROBENZENE	N		UG/L	120	600				Table 1	M	M	M	M	M	M	0.20	0.12	0.40	998310390
160210	MERCURY-DISSOLVED	N		UG/L	0.2	2				Table 1	M	M	M	M	M	M	10	1.3	4.4	998310390
160210	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000				Table 1	M	M	M	M	M	M	1.0	0.16	0.53	998310390
160210	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60				Table 1	M	M	M	M	M	M	1.0	0.43	1.4	998310390
160210	NAPHTHALENE	N		UG/L	10	100				Table 1	M	M	M	M	M	M	0.050	0.020	0.067	998310390
160210	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MGL	2	10				Table 1	M	M	M	M	M	M	1.0	0.79	2.6	998310390
160210	O-DICHLOROBENZENE	N		UG/L	60	600				Table 1	M	M	M	M	M	M	1.0	0.84	2.8	998310390
160210	OXIDATION REDUCTION POTENTIAL		103.0	MILLIVOLTS						Table 1	M	M	M	M	M	M				
160210	P-DICHLOROBENZENE	N	6.92	SU																
160210	PH-FIELD																			

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Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES Exceedance	Type of Standard	WDNR		
									QC I	QC II	QC III
160210	SAMPLE COLOR	P28B		105				NONE			
160210	SAMPLE ODOR				N			NONE			
160210	SAMPLE TEMPERATURE				N	8.3		DEGREES C			
160210	SAMPLE TURBIDITY				N			NONE			
160210	SPECIFIC CONDUCTANCE-FIELD				N	1035	UMHOS/CM		Table 1	M	M
160210	STYRENE				N	64.4	UG/L	10	Table 2	M	M
160210	SULFATE-DISSOLVED AS SO4				N		MGL	250	Table 1	M	M
160210	TETRACHLOROETHYLENE				N		UG/L	0.5	Table 1	M	M
160210	TETRAHYDROFURAN				N		UG/L	10	Table 1	M	M
160210	TOLUENE				N		UG/L	160	Table 1	M	M
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)				N		UG/L	20	Table 1	M	M
160210	TRANS-1,3-DICHLOROPROPENE				N		UG/L	0.04	Table 1	M	M
160210	TRIBROMOMETHANE				N		UG/L	0.44	Table 1	M	M
160210	TRICHLOROETHYLENE				N		UG/L	0.5	Table 1	M	M
160210	VINYL CHLORIDE				J	0.0065	UG/L	0.02	Table 1	M	M
160210	VINYL CHLORIDE				N		UG/L	0.02	Table 1	M	M
160210	XYLENES-TOTAL				N		UG/L	400	Table 1	M	M
	Sample Point: P28C	WDNR Point ID:	110								
160210	GROUNDWATER ELEVATION					857.42	FT MSL				
	Sample Point: P29B	WDNR Point ID:	120								
160210	GROUNDWATER ELEVATION					857.11	FT MSL				
	Sample Point: P29C	WDNR Point ID:	125								
160210	GROUNDWATER ELEVATION										
	Sample Point: P30B	WDNR Point ID:	135								
160211	GROUNDWATER ELEVATION					856.99	FT MSL				
	Sample Point: P30C	WDNR Point ID:	140								
160211	GROUNDWATER ELEVATION					858.58	FT MSL				
	Sample Point: P32B	WDNR Point ID:	150								
160210	1,1,1-TRICHLOROETHANE				N		UG/L	40	Table 1	M	M
160210	1,1,2,2-TETRACHLOROETHANE				N		UG/L	0.02	Table 1	M	M
160210	1,1,2-TRICHLOROETHANE				N		UG/L	5	Table 1	M	M

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Sample Date	Parameter	Sample Point: P32B	WDNR Point ID: 150	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC	QC	QC	WDNR				
											1	II	III	RL	LOD	LOQ	Lab Cert	
160210	1,1-DICHLOROETHANE	N		UG/L	85	850				M	M	M	M	1.0	0.38	1.3	998310390	
160210	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7				M	M	M	M	1.0	0.29	0.97	998310390	
160210	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70				M	M	M	M	1.0	0.41	1.4	998310390	
160210	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2				M	M	M	M	1.0	0.39	1.3	998310390	
160210	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05				M	M	M	M	1.0	0.73	2.4	998310390	
160210	1,2-DICHLOROETHANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.21	0.70	998310390	
160210	1,2-DICHLOROPROPANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.72	2.4	998310390	
160210	2-HEXANONE	N		UG/L						M	M	M	M	5.0	1.2	4.1	998310390	
160210	4-METHYL-2-PENTANONE (MBK)	N		UG/L	50	500				M	M	M	M	5.0	2.1	7.0	998310390	
160210	ACETONE	N		UG/L	1800	9000				M	M	M	M	10	3.0	10	998310390	
160210	ALKALINITY-TOTAL AS CACO3 (FILT)	393		MGL						M	M	M	M	50.0	20.0	66.7	998310390	
160210	ARSENIC-DISSOLVED AS AS	J	0.28	UG/L	1	10				M	M	M	M	1.0	0.27	0.90	998310390	
160210	BARIUM-DISSOLVED AS BA	65.9		UG/L	400	2000				M	M	M	M	5.0	0.70	2.3	998310390	
160210	BENZENE	N		UG/L	0.5	5				M	M	M	M	1.0	0.41	1.4	998310390	
160210	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6				M	M	M	M	1.0	0.39	1.3	998310390	
160210	BROMOMETHANE	N		UG/L	1	10				M	M	M	M	1.0	0.69	2.3	998310390	
160210	CARBON DISULFIDE	N		UG/L	200	1000				M	M	M	M	1.0	0.19	0.63	998310390	
160210	CARBON TETRACHLORIDE	N		UG/L	0.5	5				M	M	M	M	1.0	0.27	0.90	998310390	
160210	CHLOROBENZENE	N		UG/L	20	100				M	M	M	M	1.0	0.75	2.5	998310390	
160210	CHLOROETHANE	N		UG/L	80	400				M	M	M	M	1.0	0.32	1.1	998310390	
160210	CHLOROFORM	N		UG/L	0.6	6				M	M	M	M	1.0	0.36	1.2	998310390	
160210	CHLOROMETHANE	N		UG/L	3	30				M	M	M	M	1.0	0.35	1.2	998310390	
160210	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70				M	M	M	M	1.0	0.81	2.7	998310390	
160210	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4				M	M	M	M	1.0	0.36	1.2	998310390	
160210	DIBROMOCHLOROMETHANE	N		UG/L	6	60				M	F	M	M	1.0	0.32	1.1	998310390	
160210	DIBROMOMETHANE	N		UG/L	200	1000				M	M	M	M	1.0	0.41	1.4	998310390	
160210	DICHLORODIFLUOROMETHANE	N		UG/L	0.5	5				M	M	M	M	1.0	0.68	2.3	998310390	
160210	DICHLOROMETHANE	N		MGL						M	M	M	M	1.0	0.44	1.5	998310390	
160210	DISSOLVED OXYGEN, FIELD BY PROBE	1.6		UG/L	140	700				M	M	M	M	1.0	0.74	2.5	998310390	
160210	ETHYLBENZENE	N		UG/L	698	3490				M	M	M	M	1.0	0.88	2.9	998310390	
160210	FLUOROTRICHLOROMETHANE	N	856.77	FT MSL						M	M	M	M	1.5	0.17	0.57	998310390	
160210	GROUNDWATER ELEVATION																	
160210	IRON-DISSOLVED AS FE	J	0.29	UG/L	1.5	15				M	M	M	M	1.5	0.030	0.019	0.064	998310390
160210	LEAD-DISSOLVED AS PB																	

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES Exceedance	Type of Standard	QC QC QC			WDNR	
									I	II	III		
Sample Point: P32B WDNR Point ID: 150													
160210	MANGANESE-DISSOLVED AS MN			99.6	UG/L	60	300	P	Table 1	M	M	10.0	0.40
160210	MANGANESE-DISSOLVED AS MN	N		99.6	UG/L	25	50	E	Table 2	M	M	10.0	0.40
160210	M-DICHLOROBENZENE	N			UG/L	120	600		Table 1	M	M	1.0	0.78
160210	MERCURY-DISSOLVED	N			UG/L	0.2	2		Table 1	M	M	0.20	0.12
160210	METHYL ETHYL KETONE (MEK)	N			UG/L	800	4000		Table 1	M	M	10	1.3
160210	METHYL TERT-BUTYL ETHER (MTBE)	N			UG/L	12	60		Table 1	M	M	1.0	0.16
160210	NAPHTHALENE	N			UG/L	10	100		Table 1	M	M	1.0	0.43
160210	NITRITE PLUS NITRATE-DISSOLVED AS N	N		0.22	MGL	2	10		Table 1	M	M	0.050	0.020
160210	O-DICHLOROBENZENE	N			UG/L	60	600		Table 1	M	M	1.0	0.79
160210	OXIDATION REDUCTION POTENTIAL	N		72.0	MILLIVOLTS	15	75		Table 1	M	M	1.0	0.84
160210	P-DICHLOROBENZENE	N			UG/L	SU			Table 1	M	M	2.8	998310390
160210	PH-FIELD			7.31	SU								
160210	SAMPLE COLOR	N			NONE								
160210	SAMPLE ODOR	N			NONE								
160210	SAMPLE TEMPERATURE	N		9.5	DEGREES C								
160210	SAMPLE TURBIDITY	N			NONE								
160210	SPECIFIC CONDUCTANCE-FIELD	N		814	UMHOS/CM								
160210	STYRENE	N			UG/L	10	100		Table 1	M	M	1.0	0.73
160210	SULFATE-DISSOLVED AS SO4	N		20.7	MGL	125	250		Table 2	M	M	2.0	0.35
160210	TETRACHLOROETHYLENE	N			UG/L	0.5	5		Table 1	M	M	1.0	0.36
160210	TETRAHYDROFURAN	N			UG/L	10	50		Table 1	M	M	5.0	1.3
160210	TOLUENE	N			UG/L	160	800		Table 1	M	M	1.0	0.51
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)	N			UG/L	20	100		Table 1	M	M	1.0	0.90
160210	TRANS-1,3-DICHLOROPROPENE	N			UG/L	0.04	0.4		Table 1	M	M	1.0	0.37
160210	TRIBROMOMETHANE	N			UG/L	0.44	4.4		Table 1	M	F	1.0	0.26
160210	TRICHLOROETHYLENE	N			UG/L	0.5	5		Table 1	M	M	1.0	0.46
160210	VINYL CHLORIDE	N			UG/L	0.02	0.2	P	Table 1	M	M	1.0	0.90
160210	XYLINES-TOTAL	N		0.050	UG/L	0.02	0.2		Table 1	M	M	0.020	0.004
Sample Point: P33B WDNR Point ID: 160													
160211	GROUNDWATER ELEVATION												
160211	WDNR Point ID: 165												
160211	WDNR Point ID: 165												
160211	GROUNDWATER ELEVATION												
160211	FT MSL												
Sample Point: P35B WDNR Point ID: 165													
160211	FT MSL												

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Sample Point:	P40D	WDNR Point ID:	170	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC IV	QC V	WDNR RL	LOQ	Lab Cert
160211	GROUNDWATER ELEVATION				858.74			FT MSL												
		Sample Point:	TB	WDNR Point ID:	999															
160210	1,1,1-TRICHLOROETHANE		N			UG/L	40	200				Table 1	M	M	1.0	0.82	2.7	998310390		
160210	1,1,2,2-TETRACHLOROETHANE		N			UG/L	0.02	0.2				Table 1	M	M	1.0	0.21	0.70	998310390		
160210	1,1,2-TRICHLOROETHANE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.23	0.77	998310390		
160210	1,1-DICHLOROETHANE		N			UG/L	85	850				Table 1	M	M	1.0	0.38	1.3	998310390		
160210	1,1-DICHLOROETHYLENE		N			UG/L	0.7	7				Table 1	M	M	1.0	0.29	0.97	998310390		
160210	1,2,4-TRICHLOROBENZENE		N			UG/L	14	70				Table 1	M	M	1.0	0.41	1.4	998310390		
160210	1,2-DIBROMO-3-CHLOROPROPANE		N			UG/L	0.02	0.2				Table 1	M	M	1.0	0.39	1.3	998310390		
160210	1,2-DIBROMOETHANE (EDB)		N			UG/L	0.005	0.05				Table 1	M	M	1.0	0.73	2.4	998310390		
160210	1,2-DICHLOROETHANE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.21	0.70	998310390		
160210	1,2-DICHLOROPROPANE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.72	2.4	998310390		
160210	2-HEXANONE		N			UG/L							M	M	5.0	1.2	4.1	998310390		
160210	4-METHYL-2-PENTANONE (MBK)		N			UG/L	50	500				Table 1	M	M	5.0	2.1	7.0	998310390		
160210	ACETONE		N			UG/L	1800	9000				Table 1	M	M	10	3.0	10	998310390		
160210	BENZENE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.41	1.4	998310390		
160210	BROMODICHLOROMETHANE		N			UG/L	0.06	0.6				Table 1	M	M	1.0	0.39	1.3	998310390		
160210	BROMOMETHANE		N			UG/L	1	10				Table 1	M	M	1.0	0.69	2.3	998310390		
160210	CARBON DISULFIDE		N			UG/L	200	1000				Table 1	M	M	1.0	0.19	0.63	998310390		
160210	CARBON TETRACHLORIDE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.27	0.90	998310390		
160210	CHLOROBENZENE		N			UG/L	20	100				Table 1	M	M	1.0	0.75	2.5	998310390		
160210	CHLOROETHANE		N			UG/L	80	400				Table 1	M	M	1.0	0.32	1.1	998310390		
160210	CHLOROFORM		N			UG/L	0.6	6				Table 1	M	M	1.0	0.34	1.1	998310390		
160210	CHLOROMETHANE		N			UG/L	3	30				Table 1	M	M	1.0	0.35	1.2	998310390		
160210	CIS-1,2-DICHLOROETHENE		N			UG/L	7	70				Table 1	M	M	1.0	0.81	2.7	998310390		
160210	CIS-1,3-DICHLOROPROPENE		N			UG/L	0.04	0.4				Table 1	M	M	1.0	0.36	1.2	998310390		
160210	DIBROMOCHLOROMETHANE		N			UG/L	6	60				Table 1	M	F	1.0	0.32	1.1	998310390		
160210	DIBROMOMETHANE		N			UG/L							M	M	1.0	0.41	1.4	998310390		
160210	DICHLORODIFLUOROMETHANE		N			UG/L	200	1000				Table 1	M	M	1.0	0.68	2.3	998310390		
160210	DICHLOROMETHANE		N			UG/L	0.5	5				Table 1	M	M	1.0	0.44	1.5	998310390		
160210	ETHYLENENE		N			UG/L	140	700				Table 1	M	M	1.0	0.74	2.5	998310390		
160210	FLUOROTRICHLOROMETHANE		N			UG/L	698	3490				Table 1	M	M	1.0	0.88	2.9	998310390		
160210	M-DICHLOROBENZENE		N			UG/L	120	600				Table 1	M	M	1.0	0.78	2.6	998310390		
160210	METHYL ETHYL KETONE (MEK)		N			UG/L	800	4000				Table 1	M	M	10	1.3	4.4	998310390		

Hagen Farm Landfill

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	WDNR Point ID:	Qualifier	Value	Units	PAL	ES Exceedance	Type of Standard	WDNR			
									QC I	QC II	QC III	QC RC
160210	METHYL TERT-BUTYL ETHER (MTBE)	N	UG/L	12	60			M	M	1.0	0.16	0.53
160210	NAPHTHALENE	N	UG/L	10	100			M	M	1.0	0.43	1.4
160210	O-DICHLOROBENZENE	N	UG/L	60	600			M	M	1.0	0.79	2.6
160210	P-DICHLOROBENZENE	N	UG/L	15	75			M	M	1.0	0.84	2.8
160210	STYRENE	N	UG/L	10	100			M	M	1.0	0.73	2.4
160210	TETRACHLOROETHYLENE	N	UG/L	0.5	5			M	M	1.0	0.36	1.2
160210	TETRAHYDROFURAN	N	UG/L	10	50			M	M	5.0	1.3	4.2
160210	TOLUENE	N	UG/L	160	800			M	M	1.0	0.51	1.7
160210	TRANS-1,2-DICHLOROETHENE (TOTAL)	N	UG/L	20	100			M	M	1.0	0.90	3.0
160210	TRANS-1,3-DICHLOROPROPENE	N	UG/L	0.04	0.4			M	M	1.0	0.37	1.2
160210	TRIBROMOMETHANE	N	UG/L	0.44	4.4			M	F	1.0	0.26	0.87
160210	TRICHLOROETHYLENE	N	UG/L	0.5	5			M	M	1.0	0.46	1.5
160210	VINYL CHLORIDE	N	UG/L	0.02	0.2			M	M	1.0	0.90	3.0
160210	VINYL CHLORIDE	N	UG/L	0.02	0.2			M	F	0.020	0.004	0.013
160210	XYLENES-TOTAL	N	UG/L	400	2000			M	M	2.0	0.66	2.2